Revised on March 24. 2014

2014 S/S Monitor Version 1.0

Vertical SALES KIT

Rock the World with 21:9

7 Target Customers' In-Depth Interview

Different Needs from Different Working Environment
Things to Know before NPI

How To OFFER? : Get the Ideas

Best Matching Products

For UM95/ UM65/ UB65/ MB85/ MB65 / MB35

INTERNAL USE ONLY

MUST KNOW before you start…

• **This presentation is for TRAINING PURPOSE ONLY. DO NOT use the contents (especially, images) of this presentation for publication as some may cause legal issues.**
• Picture images may differ from actual ones. Especially image of bezel may artificially be modified on selected scenes.
• Information on the product may be subject to change.
• Some features including this presentation may vary or differ depending on country as each country runs different specifications.
• Some features are also available with selected models. Therefore, consumers need to check detailed specifications for the model they are looking for.

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1. Design & Specification

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Design & Specification

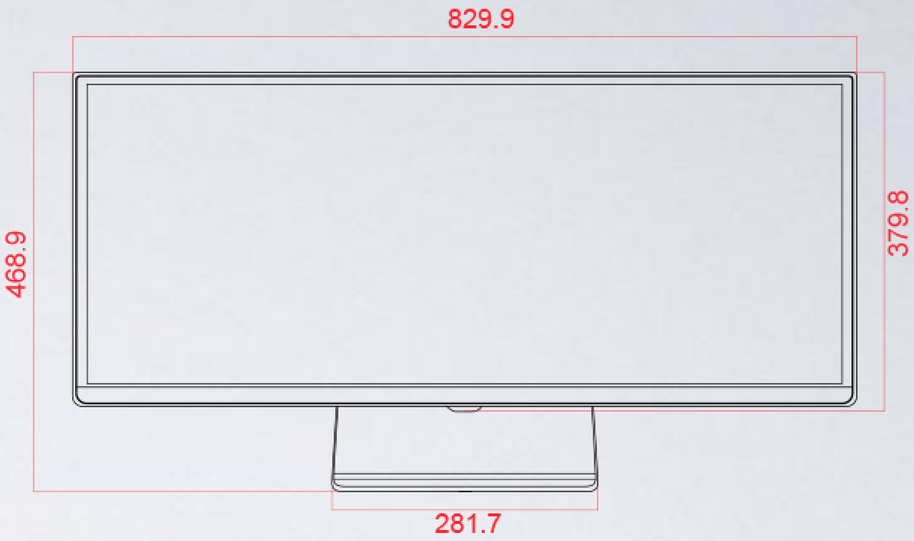
- New 21:9 UltraWide Monitor Series :
  UM95 / UM65 / UB65

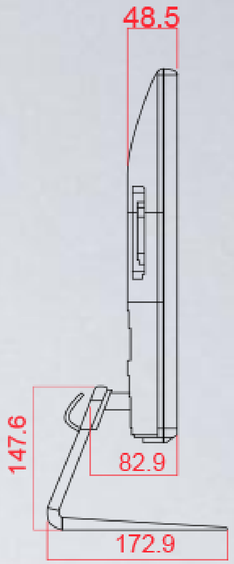
Design

21:9 UltraWide Monitor Series : 34UM95

Narrow Bezel

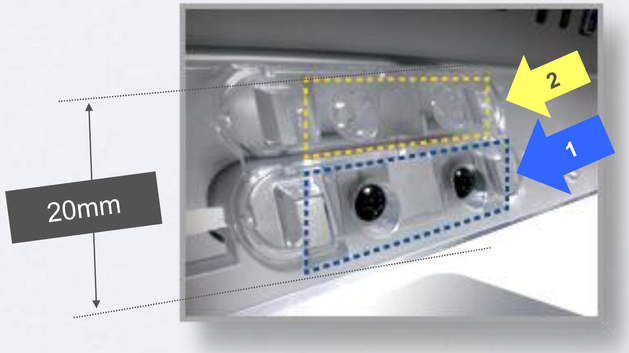
Crystal Floatstand





• Wall Mount: VESA Compatible (100mmx100mm)

Simple height Adjustment



Two height levels are available to install

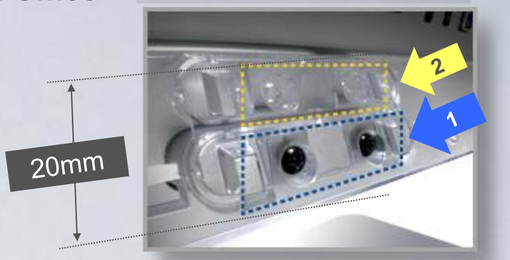
Cable Management

Design

21:9 UltraWide Monitor Series : 34UM65 / 29UM65 / 25UM65

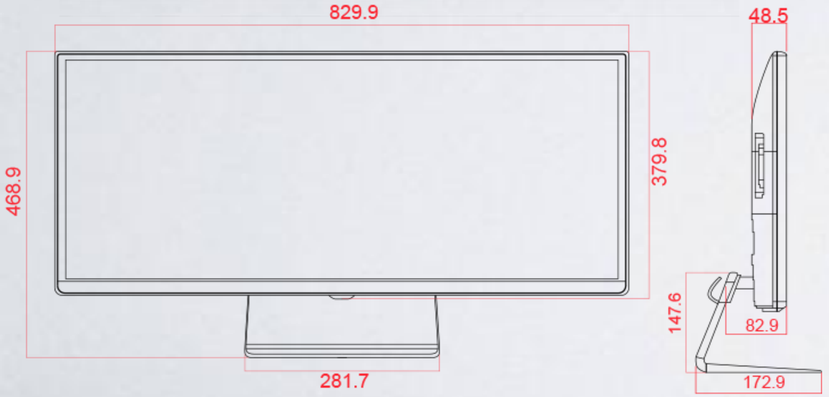
Common in UM65

Simple Height Adjustment



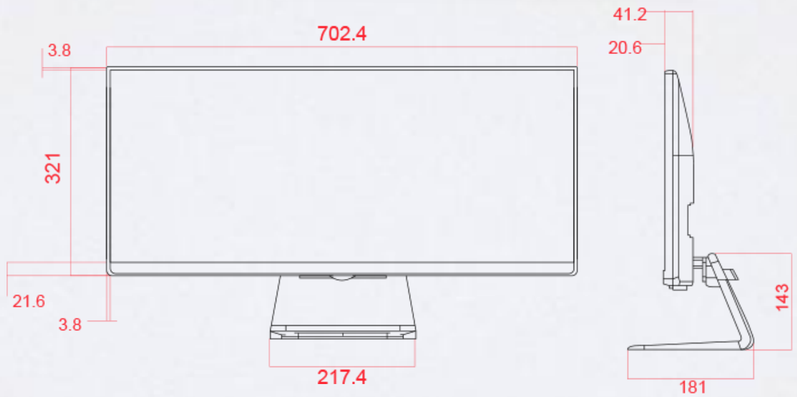
Two height levels are available to install

Crystal Floatstand



• Wall Mount: VESA Compatible (100mmx100mm)

Narrow Bezel



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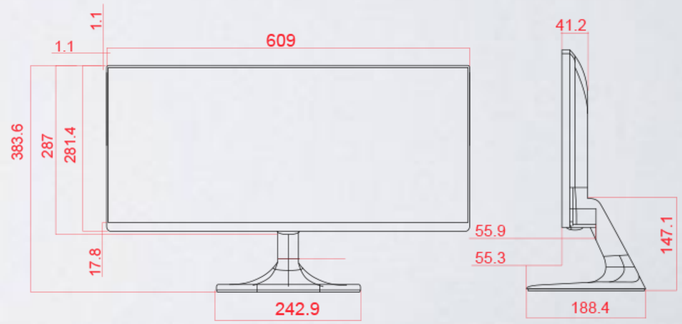
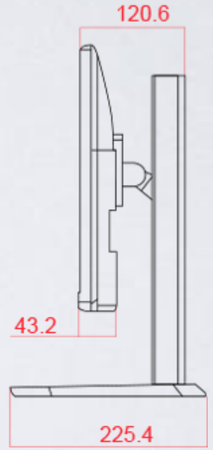


• Wall Mount: VESA Compatible (75mmx75mm)

Design

21:9 UltraWide Monitor Series : 29UB65



- Wall Mount: VESA Compatible (75mmx75mm)

Specification

UM/UB Series : 34UM95 / 34UM65 / 29UM65 / 25UM65 / 29UB65

	34UM95	34UM65	29UM65	25UM65	29UB65
Inch	34	34	29	25	29
Display Type	LED IPS				LED, IPS
Color Gamut (CIE1931)	sRGB over 99%				sRGB over 99%
Color Depth(Number of Colors)	8bit+FRC, 1.07B colors	8bit, 16.7M			8bit, 16.7M
Aspect Ratio	21:9				21:9
Resolution	3440 x 1440	2560 x 1080			2560 x 1080
Brightness(Typ.)	320 nits	300 nits		250 nits	300 nits
Response Time(GTG)	5ms				5ms
Viewing Angle(CR≥10)	R/L 178 (Typ.), U/D178 (Typ.)				R/L 178 (Typ.), U/D178 (Typ.)
Jack Input / Output	HDMI*2 DisplayPort Thunderbolt*2 Headphone Out USB 3.0 (1up/1down), 2.0(2down)	DVI-DX1 HDMI*2 DisplayPort PC Audio In Headphone Out			DVI-DX1, HDMIX2, Display Port , PC Audio In, H/P Out
Speaker	Speaker 7W*2 / 2ch (L/R)			Speaker 3W*2	Speaker 7W*2 / 2ch (L/R)
Control Key	Joystick				Joystick
Feature	Color Calibrated 4-Screen Split(Software) Super Energy Saving True color finder(Software) Dual Linkup Reader mode, Flicker Safe	Color Calibrated 4-Screen Split(Software) Auto Resolution (Software) Super Energy Saving Dual Linkup Reader mode, Flicker Safe			Color Calibrated 4-Screen Split(Software) Auto Resolution (Software) Super Energy Saving Dual Linkup Reader mode, Flicker Safe
Stand	Detachable Tilt(Angle) -5~15 Degree Wall Mount(VESA:100mm*100mm)	Detachable Tilt(Angle) -5~15 Degree Wall Mount(VESA:100mm*100mm)	Detachable Tilt(Angle) -5~20 Degree Wall Mount(VESA:75mm*75mm)		Height Range 110mm Pivot (90˚) Wall Mount(VESA:75mm*75mm)
Dimension (with Stand)	829.9x172.9x468.9	829.9x172.9x468.9	703.0x181.0x418.0	609x188.4x383	703.0x225.0x425.0
Accessory	Power Cable HDMI DisplayPort	Power Cable HDMI			Power Cable HDMI

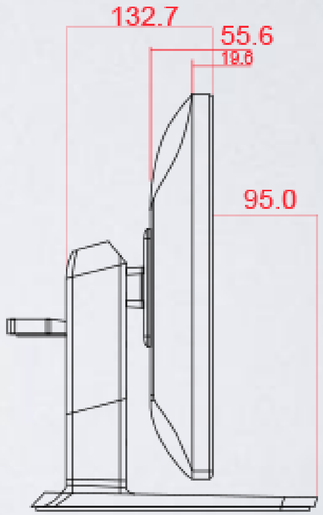
* Specifications may vary by countries, and the 4-screen split software may not work with some programs.

Design & Specification

- New ColorPrime Monitor Series MB85

Design

ColorPrime Monitor Series : 27MB85Z / 27MB85R



• Wall Mount: VESA Compatible (100mmx100mm)

Specification

MB Series : 27MB85Z / 27MB85R

	MB85		Remark
Inch	27		
Variation	27MB85Z	27MB85R	
Resolution	2560x1440	<	
Display, BLU	LED, IPS	<	
Brightness	350nits	<	
Color Gamut	AdobeRGB 99%	sRGB over 99%	
Contrast Ratio	1000:1 (Static)		
Viewing Angle	178 / 178	<	
Response Time (GTG)	5ms		
Control Key	Touch Type (5 Key : Menu, MODE/<, SES/>, OK, Power)		
Interface	Thunderbolt x 2 DVI-D dual link x 1 Display Port x 1 HDMI x 1 USB3.0(1up 3down) Audio out	Mini DP x 1 DVI-D dual link x 1 Display Port x 1 HDMI x1 USB3.0(1up 3down) Audio out	Thunder bolt x 2 (MB85Z only) Mini DP (MB85R only)
VESA	Yes : 100mm*100mm		
Power	Power Built-in		
	Tilt (-5˚ ~ +35˚)	<	
Stand	Height Range 130mm Pivot / Tilt / Swivel	<	
Feature	H/W Calibration Color Calibrated (Delta E<2) PBP/PIP DICOM / Reader / Calibration Mode / SES/ Flicker Safe		DICOM for clinical review application
Accessories	DP cable, DVI-D dual, USB3.0 up cable, Power Cable, True Color Pro (Calibration Software) Calibrator (Optional)	DP cable, DVI-D dual, USB3.0 up cable, Power Cable, True Color Finder (Calibration Software)	

* Specifications may vary by countries

Design & Specification

New B2B Monitor Series MB65 / MB35

Design

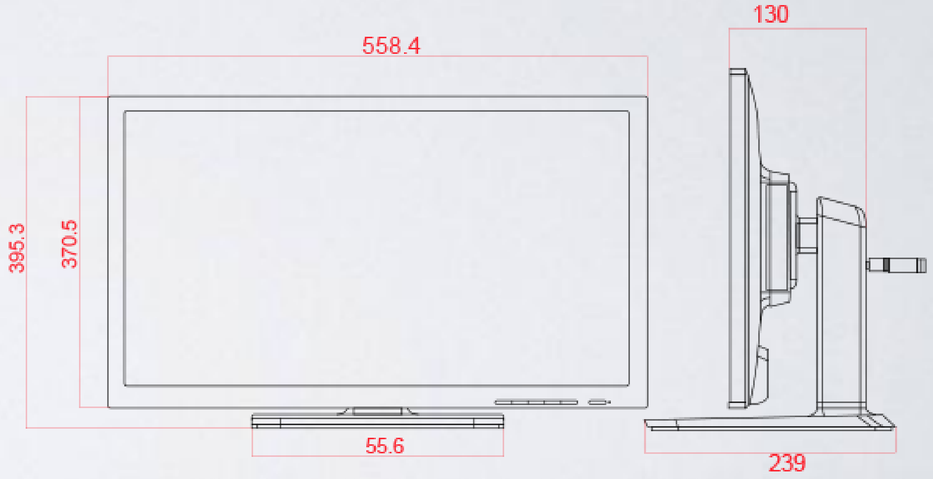
B2B Monitor Series : 27MB65 / 24MB65 / 22MB65

90˚ PIVOT

Introduction...
Waipa and the Hanalei valley
Where endangered wetland birds have found sanctuary
THESE ARE THE BIRDS of Waipa, an ahu'pua'a that is part of Hanalei Bay on the island of Kauai.
The wai, the precious water, flows from the surrounding ridges down water-falls and along white-water streams of volcanic rocks, rounded and polished over thousands of years, and is home to several species of native fish.
The central river or stream of Waipa is one of four flowing into Hanalei Bay, all of them a haven for unique native birds. The Waipa is often blocked by tidal sand, but when it flows freely into the bay it is called by a different name, the Waipa'a - like a breath bei
An ahu'pua'a is a traditional Hawaiian division of an island into "pie-shaped s the mountain forest down to the ocean reef. It enabled each community of pec access to every environment.
These river valleys in Hanalei all contain the healthiest populations of wetland in the State of Hawaii. Many are endangered, and under federal protection by ment of Fish and Wildlife.
Both the Waipa and Hanalei rivers are used to irrigate hundreds of acres of ta watery areas where the wetland birds can feed. Hanalei town grew up beside t the river, and now has a large area set aside for wildlife. Alongside its neighborir of Lumahai, Waipa remained undeveloped – both were left as gifts to the Hawaiia their last queen. The Waipa foundation, a community of local Hawaiians, is slow invasive trees with native species, and perimeter fencing of the whole valley wi control the pigs that are destroying so many nests.
As a painter, discovering any new environment is fascinating, and legends f birds and animals there often inspire my work. These drawings were made using new to me at the time: mixing powdered graphite, powdered carbon and pigm enabled the portrayal of the feathers in great detail. It's like painting with dust.
The first drawing in the series came unexpectedly from a dream. It was the alt I saw that beautiful face in a dream for two nights, although the details would be morning. The picture was a complete departure from my usual style.
Looking into that eye transports me back into the dream...
In the middle of a large ocean, this small group of remote islands has some bird visitors, blown off course in their migration. Some stay for a few years and occasionally; these painting are of the birds that I have encountered around this c
No-one was expecting the gray sea eagle that was seen flying over the Hanale ing our first winter here. I'm from Scotland, and knew them from there, where th stories dating back thousands of years.

2014 monitor B2B saleskit_pre-final_0304_
34UM65/ 29UM65/ 25UM65
Ultimate Multitasking Powerhouse
The 21:9 ratio's spacious working environment, convenient features (4-Screen Split and Dual Link-up) and even eye comfort features (Flicker Safe and Reader Mode) .....If All together are best companion of office workers, and everything comes out in 21:9 UltraWide monitor series.
Drag & Drop
Normal View
Slide 59 of 92

24MB65PY



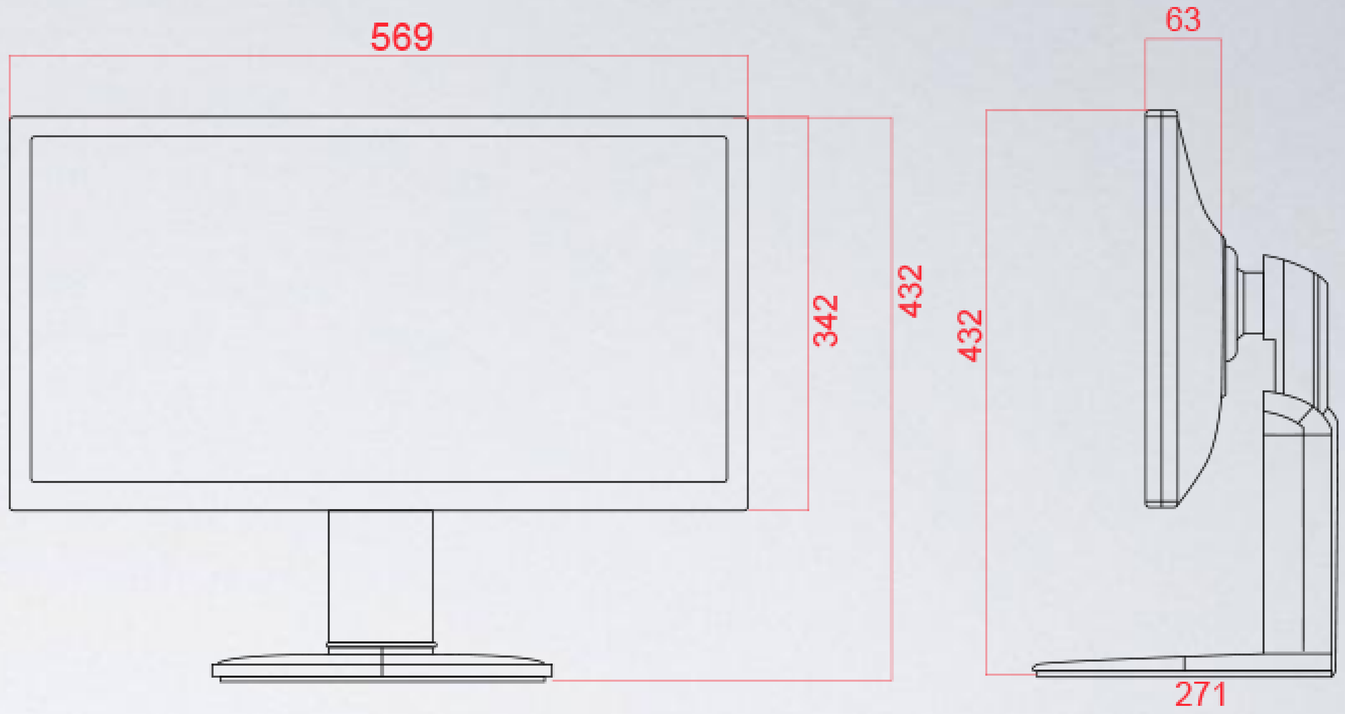
• Wall Mount: 100mmx100mm/ 100mmx200mm

* Information on this page are based on 24-inch model

Design

MB Series : 24MB35 / 23MB35 / 22MB35 / 19MB35

24MB35PY



• Wall Mount: VESA Compatible (100mmx100mm)

* Information on this page are based on 24-inch model

Specification

MB Series : MB65(27′/24′/22′) / MB35(24′/23′/21.5′/19N′)

MB65				MB35			
Inch	27	24W	22W	23.8	23	21.5	19N
Variation	PY	PY/PM	PY/PM/P	PY/PU/PM/P/DM/D	PY/PM/PH/P	PU/P/DM/D	PM/P/D
Resolution	1920 x 1080 (16:9)	1920 x 1200 (16:10)	1680 x 1050 (16:10)	1920 x 1080 (16:9)			1280 x 1024 (4:3)
Display, BLU	LED, IPS	LED, IPS	LED, TN	LED, IPS	LED, IPS	LED, TN	LED, IPS
Brightness	250 nits			250 nits			
Color Gamut	CIE1976 72%			CIE1976 72%			
Contrast Ratio	Mega (10,000,000:1)			Mega (10,000,000:1)			
Viewing Angle	178 / 178		170/160	178 / 178	178 / 178	170/160	178 / 178
Response Time (GTG)	5ms			5ms			
Control Key	6 Key (Including power button, Tact style)			6 Key (Including power button, Tact style)			
Interface	P : D-sub, DVI, Height/Pivot/Swivel Stand PM : P + Speaker PY : PM + Display Port + USB 1up 2down			D : D-sub, DVI / DM : D + Speaker P : D + Height/Pivot/Swivel Stand PH : P + HDMI / PM : P + Speaker PU : PM + USB 1up 2down PY : PU + Displayport			
VESA	Yes : 100mm*100mm /100mm*200mm			Yes : 100mm*100mm			
Power	Power Built-in			Power Built-in			
Tilt	-5˚ ~ +35˚		-5˚ ~ +20˚	-5˚ ~ +20˚			
Stand	Down Height : Min. 50mm, Range 130mm(22W : 120mm)			Height : Min. 100mm, Range 120mm	Height : Min. 60mm, Range 110mm	Height : Min. 70mm, Range 110mm	Height : Min. 70mm, Range 110mm
Feature	Hot Key : Super Energy Saving/ Reader Mode Flicker Safe Color Calibrated Mechanical Switch ARC : Size / format selection		Hot Key : Super Energy Saving/ Reader Mode Flicker Safe Mechanical Switch ARC : Size / format selection	Hot Key : Super Energy Saving/ Reader Mode Flicker Safe Color Calibrated		Hot Key : Super Energy Saving/ Reader Mode Flicker Safe	Hot Key : Super Energy Saving/ Reader Mode Flicker Safe Factory Calibration

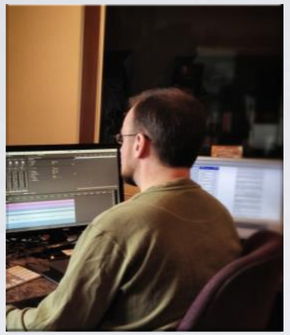
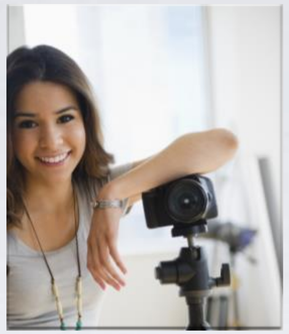
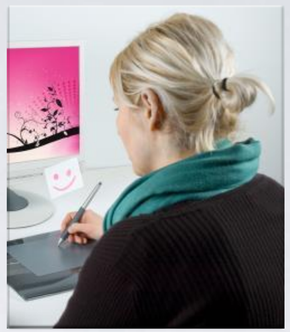
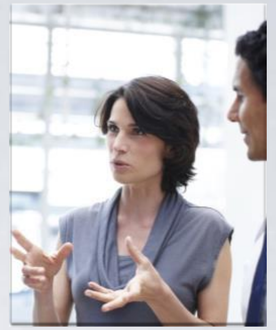
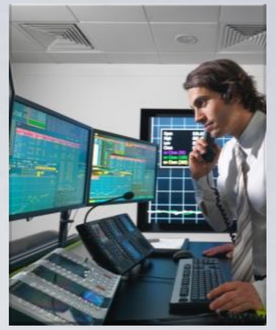
* Specifications may vary by countries

2. Vertical Usages by Target Customer

- Optimum model : for each target customers
- Software : commonly used by target customers
- PRE-INTERVIEW : User profile

1. Sound Editor
2. Video Editor
3. Photographer
4. Graphic Designer
5. Office Manager
6. Stock Manager

Optimum model :
for customer

Target Customers	SOUND EDITOR	VIDEO EDITOR	PHOTO GRAPHER	GRAPHIC DESIGNER	OFFICE MANAGER	STOCK MANAGER
						
NEW 21:9 UltraWide Series	**34UM95** 1) 21:9 ratio for sequence S/W 2) Use the powerful MAC's MIDI Sequencer App via Thunderbolt™ 3) Offering the Upgraded Multi-In/out port **34UM65** 1)21:9 ratio for sequence S/W	**34UM95** 1) 21:9 ratio for sequence S/W 2) Use the powerful MAC's Sequence App via Thunderbolt™ 3) Built-in 7w*2 speaker **34UM65** 1) 21:9 ratio for sequence S/W 2) Built-in 7w*2 speaker		**34UM95/29UM65 /25UM65/ 29UB65** 1) 21:9 Optimal Work Space for Horizontal Designing **29UB65** 1) 21:9 Optimal Work Space for Vertical Designing - 90 degree Pivot	**34UM65/29UM65/25UM95** 1)21:9 ratio & wide viewing 2)Multitasking with 4-Screen Split &Dual Link-up - **29UB65** 1) 21:9 ratio & wide viewing 2) Multitasking with 4-Screen Split &Dual Link-up 3) Ergonomic design	**34UM65/29UM65** 1)21:9 ratio & 34' wide viewing -Using the price index task pad and market condition chart simultaneously 2) Eye comfortable display -Reader Mode&Flicker safe
NEW ColorPrime Series			**27MB85Z** 1) Total Color Management - AdobeRGB 99%, 1.07 billion colors / True color Pro software / Built-in scaler / Color calibrated 2) Advanced Picture Quality and Wide color gamut - 2560x1440 WQHD IPS 3) Outstanding Work Performance via Thunderbolt™ 2	**27MB85Z/R** 1) Total Color Management - AdobeRGB 99%, 1.07 billion colors / True color Pro software / Built-in scaler / Color calibrated 2) Advanced Picture Quality and Wide color gamut - 2560x1440 WQHD IPS 3) Outstanding Work Performance via Thunderbolt™ 2/ Mini DP	**24MB65PY** 1) Eye comfortable display -Reader Mode&Flicker safe 2)Tilt-5˚+30˚,Height50~130mm Ergonomic design 3)16:10 ratio for document work	
NEW Normal B2B Series					**24MB35PY** 1) Eye comfortable display -Reader Mode&Flicker safe 2)Tilt-5˚+20˚,Height100~130mm 3)Low power consumption -Reasonable decision for multi-monitor environment	**24MB65PY/24MB35PY** 1) Eye comfortable display -Reader Mode&Flicker safe 2) Ergonomic design 3) 16:10 ratio for advanced document work (MB65 only) 4) Upgraded usability

Software :
Commonly used by customer

SOUND EDIT
- Pro Tools
- Logic Pro X
- FL Studio
- Ableton Live

VIDEO EDIT
- Finalcut PRO
- AVID Media composer
- Premiere Pro
- Vegas™ Pro

PHOTO EDIT
- Paintshop Pro
- Capture one
- Photoshop

GRAPHIC DESIGN : 2D
- Illustrator
- Photoshop
- Indesign
- CorelDraw

WEB EDIT
- DreamWeaver
- Illustrator
- Photoshop
- Indesign
- Edit Plus

OFFICE MANAGE
- MS Office
- MAC Keynote
- MAC Page
- MAC Number

STOCK MANAGE
-HTS
Home trading system

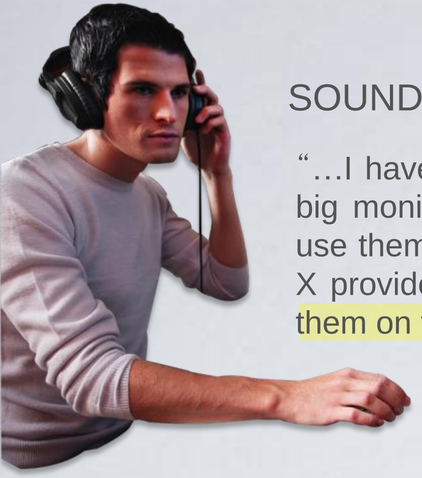
SOUND COMPOSITION
- Sonar
- CUBASE
- GOLDWAVE
- FL Studio
- Nuendo
- LOGIC X

VIDEO EFFECT
- VEGAS
- Aftereffect
- AVID
- Inferno

GRAPHIC DESIGN : 3D
- C4D
- ZBrush
- Real floor

WEB FLASH
- Flash

Pre-Interview
User Profile



SOUND EDITOR _ ‘Miguel, 31’

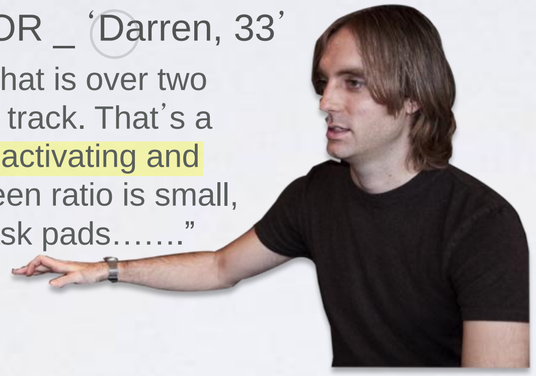
“…I have a bunch of recording devices like mixers, controllers, and big monitoring speakers that are over 170 Watts. How frequently I use them? Not really, actually. Because the Pro Tools and Logic Pro X provide virtual mixers and controllers nowadays, I prefer working them on the virtual controller or mixer….”

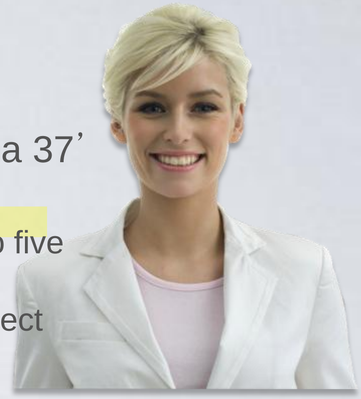
GRAPHIC DESIGNER(2D) _ ‘Emily 29’

“… One case I use two monitors side by side is when I open Photoshop on one monitor and the Illustrator on the other. ……In that case, however, it makes me bother that color tones are slightly different between two monitors even if the monitors are same models from same brand….”

VIDEO EDITOR _ ‘Darren, 33’

“….When I’m working on a movie or a T.V. program that is over two hours long, I have to keep adjusting the length of the track. That’s a major strain on the eyes. That means I have to keep activating and deactivating the track and effect plug-in too. The screen ratio is small, so it’s nearly impossible to work on more than two task pads…….”





OFFICE MANAGER _ ‘Tina 37’

“…I keep all those programs activated. Well, Outlook, Excel, Word, Powerpoint and Explorer? I guess four to five programs. Yes, it’s impossible to work with all these programs activated on my Ultra PC monitor. So I connect the computer to a bigger monitor and work there….”

PHOTO GRAPHER _ ‘Demian, 39’

“…I am also very picky to choose the monitors as much as to choose cameras in order to review and retouch my pictures. It should cover over 99% of Adobe RGB color space with 10 bit color depth in super-high resolution display. It would be a plus if it is easily connecting to Mac devices…”

STOCK MANAGER _ ‘Serena, 34’

“Yes, I use six 23 inch monitors from D brand. Of course, all the monitors show different contents. Okay, the upper three monitors show me monthly trend, market status and favorite stocks. The lower three show the daily trend, which is the most important real-time trade and our intranet….”

Sound Editor

IN-DEPTH INTERVIEW

Miguel , Sound Editor & Composer

Age 31

Usage software :
Logic X PRO(Mac OS) /Cubase(Win OS)

Usage Device :
Triple-Monitor(27”) Quadro graphic-card(NVIDIA) / Master keyboard / Audio interface / Synthesizer / YAMAHA Mix console / Shure MIC / Monitoring speaker YAMAHA msp7studio / etc

“I have a bunch of recording devices like mixers, controllers, and big monitoring speakers that are over 170 Watts. How frequently I use them? Not really, actually. Because the Pro Tools and Logic Pro X provide virtual mixers and controllers nowadays, I prefer working them on the virtual controller or mixer, and there is no problem with a single monitor when I am dealing with short time tracks or a commercial TV.

But you know, when it comes to work on music tracks for movies, which are over an hour long, now I am getting in trouble. It is hard to display the virtual controller console and multi-track window all at the same screen, I use **three** 27” monitors in order to widen the sequence track horizontally as much as possible.

Oh, and I compose music whenever I can. When I use MIDI software, I need to use VST and actual instrument input devices, unlike when I am only editing. I usually work with a master keyboard, a synthesizer and a audio interface. The rest I get from Cubase’s VSTs.

I do not personally require that many of input devices than my buddies usally do, but even if so, I still run out of USB or Audio ports. That’s why I choose D monitor, which support 4 USB ports.”

: From the In-depth interview note

Summary

Q. What does he USE?

PROTOOL LOGIC X FL Studio Ableton Live Sonar CUBASE Nuendo GOLDWAVE

Q. What to SUGGEST?

34UM95, 34UM65

Q. How to OFFER ?

If he prioritizes this	Recommend this!
Using two or more monitors for long sequencers, and struggling with the work space?	**34UM95, 34UM65**
Need to transfer the sound source for Mac Pro?	**34UM95**
Struggle with the number of audio interface and in/out ports on your PC?	**34UM95**

The World's 1st
34-inch 21:9 UltraWide QHD (34UM95)
for Pro Sound Editor
The brand new LG 21:9 UltraWide QHD monitor provides the best working environment ever while enhancing its screen size to 34-inch.
21:9 UltraWide is always a right choice
especially for those of customer who requires the horizontal trackers and activating all the mixers or controllers at the same display.

Why 34UM95?

1 World’s First 34-inch 21:9 UltraWide QHD Monitor

The brand new LG 34-inch 21:9 UltraWide QHD monitor has returned even more powerfully. Compared to the 21:9 UltraWide Full HD monitor (29EA73), the previous version of 21:9 UltraWide monitor series, 34UM95 becomes bigger and wider in both vertical and horizontal ways, so that this powerful monitor allows the user to activate more sound footages(loops), virtual mixer, controller, and trackers than they did in 29-inch of 21:9 monitor, not to mention in the Full HD 16:9 monitor. Even in a full screen, 34UM95 can open a proportionately large tracker editing window and activate up to four Cubase VST windows(100% size) at the same time (while 29EA73 previously could open up to four windows in 65~70% size), and also 34UM65 allows to use 18 more multi-controllers at 100% size ratio than 27inch 16:9 ratio conventional monitor when using MIDI sequencer programs such as logic X.

2 Get the Ultra-fast and Ultra-simple from Thunderbolt™ 2

Thunderbolt™ 2 is a revolutionary cable technology that simultaneously supports high-resolution displays and high-performance data devices through a single, compact port. With 34UM95’s Thunderbolt™ 2 technology, sound editors can take advantage of data transfer speeds up to 20 Gbps and easily expand computing capability by connecting up to six devices via simple daisy-chain configuration. Now sound editors can connect Mac Pro® and storage device to the monitor simultaneously through Thunderbolt™ 2.

3 Offering the Upgraded Multi-In/out port

Offers up to four USB ports, two HDMI ports and a Displayport. Provides In-out ports that can support almost any studio equipment.
Provides external audio interface, master keyboard, synthesizer and controller console. The most efficient tool for professional editors who wanted more connection ports on their PC for their MIDI devices when composing.

Why 34UM65?

1 21:9 Optimal Ratio for Sequencing

The 34 inch wide screen comes in 21:9 ratio, which is the best to work on horizontal trackers. This allows the user to activate far more Virtual input devices(*VST) and loops with trackers than they did with Full HD 16:9 monitors. Unlike conventional monitors, the user does not need to drastically minimize trackers or continuously raise and lower the effect preset taskpads.

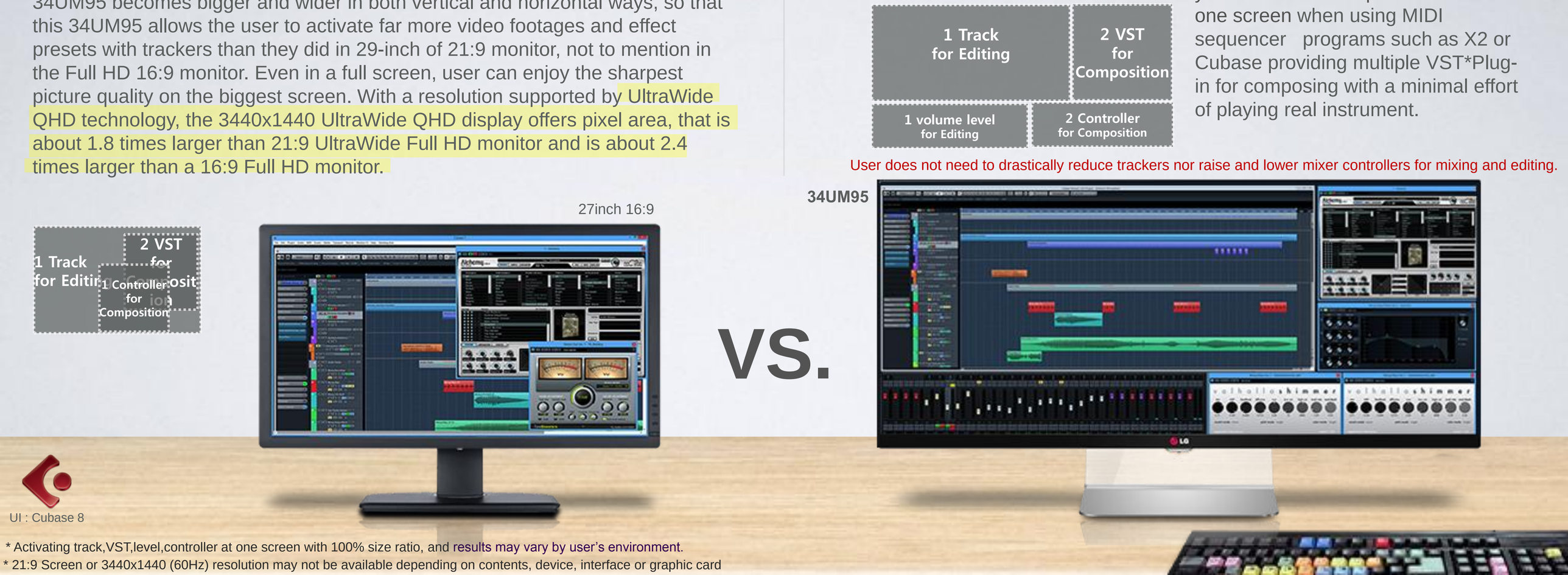
1 Composing & Editing at Once

No need to drastically reduce trackers nor raise and lower mixer controllers for mixing and editing.

The brand new LG 34-inch 21:9 UltraWide, especially 21:9 UltraWide QHD monitor has returned even more powerfully. Compared to the UltraWide 21:9 Full HD monitor (29EB73), the previous version of 21:9 UltraWide monitor series, 34UM95 becomes bigger and wider in both vertical and horizontal ways, so that this 34UM95 allows the user to activate far more video footages and effect presets with trackers than they did in 29-inch of 21:9 monitor, not to mention in the Full HD 16:9 monitor. Even in a full screen, user can enjoy the sharpest picture quality on the biggest screen. With a resolution supported by UltraWide QHD technology, the 3440x1440 UltraWide QHD display offers pixel area, that is about 1.8 times larger than 21:9 UltraWide Full HD monitor and is about 2.4 times larger than a 16:9 Full HD monitor.

Level controller and input devices(real instrument) were the most important for MIDI composition. As Miguel mentioned previously, however, most composing tools nowadays provide virtual instrument(*VST) and virtual level controllers. That means it is better to activate a tracker and a VST or virtual level controllers at one sight in a single screen.

For the same reason, 34UM65 is a still perfect choice for the sound editors who are looking for 21:9 UltraWide Full HD monitors in a bigger screen. Compared to the conventional 16:9 screen, 34UM65 can open a proportionately large tracker editing window and activate up to four Cubase VST windows(70% size) at the same time. Now, 34UM65 allows you to edit and compose all at once on one screen when using MIDI sequencer programs such as X2 or Cubase providing multiple VST*Plug-in for composing with a minimal effort of playing real instrument.


1 Track for Editing
2 VST for Composition
1 volume level for Editing
2 Controller for Composition
User does not need to drastically reduce trackers nor raise and lower mixer controllers for mixing and editing.
34UM95
27inch 16:9
1 Track for Editing
2 VST for Composition
1 Controller for Composition
VS.
UI : Cubase 8

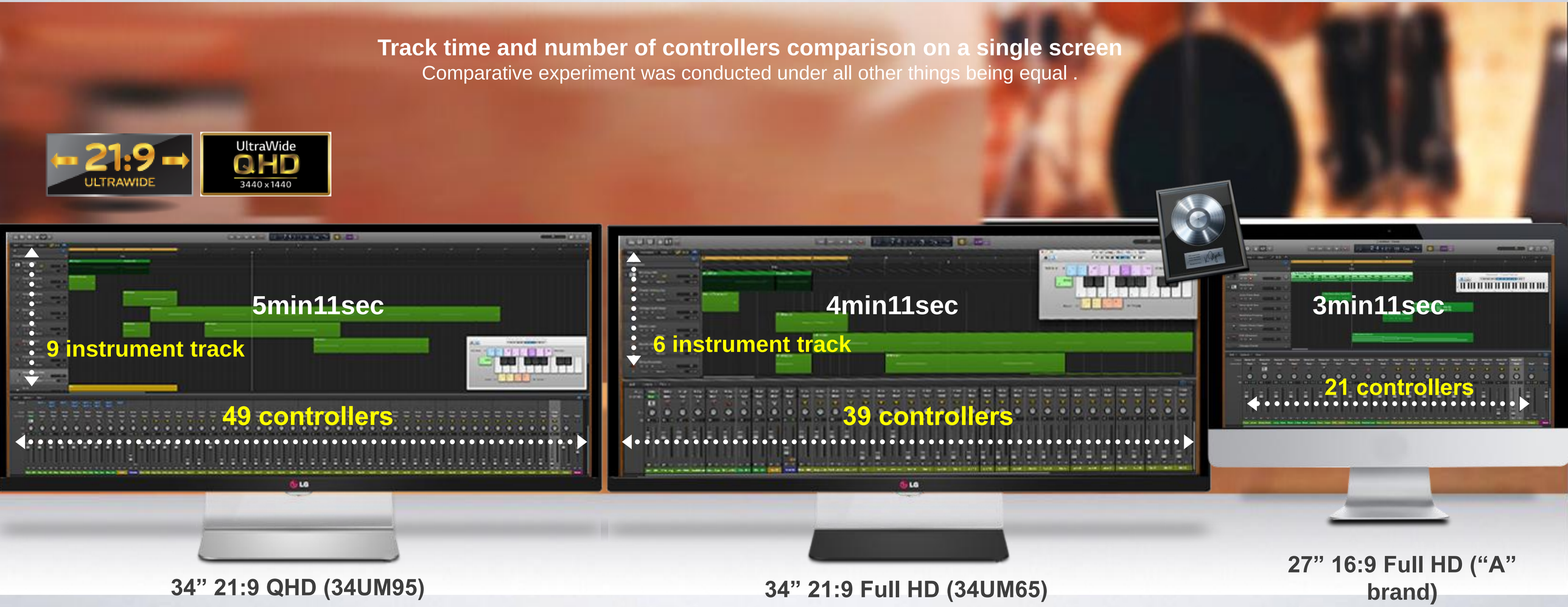
* Activating track,VST,level,controller at one screen with 100% size ratio, and results may vary by user's environment.
* 21:9 Screen or 3440x1440 (60Hz) resolution may not be available depending on contents, device, interface or graphic card

2 View More Tracks, Use More Virtual Controller & Mixer

21:9 UltraWide monitor is always a right choice for sound editors who are mixing and producing sound sources on the sequencing programs like Pro Tools. It is much better to view more sequences and tracks horizontally as it means they can work on more time-tracks. With more time of tracks and more controllers, both 34UM95 and 34UM65 wins over 27” 16:9 Full HD monitor while they do not have to repeat activating or deactivating virtual mixer controller task pad any more. While the conventional 27” 16:9 Full HD shows only 3 minute-long sound track, 34UM95 can open a proportionately larger editing window up to 5 minutes at 100% size ratio and 34UM65 with 4 minute-long one.

Track time and number of controllers comparison on a single screen

Comparative experiment was conducted under all other things being equal .



34” 21:9 QHD (34UM95)

34” 21:9 Full HD (34UM65)

27” 16:9 Full HD (“A” brand)

* This comparison is tested internally under same condition, but results may vary by user’s environment.

* 21:9 Screen or 3440x1440 (60Hz) resolution may not be available depending on contents, device, interface or graphic card

3 Thunderbolt™ 2 = USB 3.0 x 4 times Faster

Thunderbolt™ 2 is a revolutionary cable technology that simultaneously supports high-resolution displays and high-performance data devices through a single, compact port. With 34UM95's Thunderbolt™ 2 technology, sound editors can take advantage of data transfer speeds up to 20 Gbps and easily expand computing capability by connecting up to six devices via simple daisy-chain configuration. Now sound editors can connect Mac Pro® and storage device to the monitor simultaneously through Thunderbolt™ 2.

THUNDERBOLT™

NEW Mac Pro® Compatible

"No Need to Confine Yourself to Mac Display Even Without Extra Thunderbolt™ Connector!"

Many sound editors most likely had to choose Mac display because conventional monitors do not have Thunderbolt™ port and require an additional Thunderbolt™ connector. However, 34UM95 provides a Thunderbolt™ port that is compatible with Mac devices and editing tools for Mac OS. Now, sound editors can freely use the high capacity sound sources(Virtual instruments) and the Mac OS sequencing software.

* A daisy-chain configuration may not be available depending on PC performance, interface or graphic card.

4 Connectivity as Strong as an Audio Interface

34UM95 is a very efficient tool which has In-out ports that are as diverse and strong as ports on PCs for composition or audio interfaces. Most users feel that there are not nearly enough USB ports to support all their composing devices, which usually consist of a master keyboard, synthesizer, mixer console, external audio interface, monitoring speaker, monitoring headphone and other in/output devices.

Supporting one 3.0 USB (1up/1down) and two 2.0 USB (2down), 34UM95 allows users to connect various input devices such as master keyboard and synthesizers directly into the monitor ports, instead of to connect to their PC or audio interface. This minimizes data latency caused by audio interface.

USB 3.0

HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE

DisplayPort

Get the idea! Exceptional Experience with Two 34UM95 monitors!

Most editors use a double- or triple-monitor setting as they want to work on wider track task pad. For sound editors' work environment, this simulation gives an amazing two-monitor setting idea that they can think of. Two 34UM95 setting is especially attractive with Thunderbolt™ 2 because of super-fast data transferring and super-simple connection via simple daisy-chain configuration. When 27" 16:9 Full HD two-monitor only shows up to 7 minute-long, two 34UM95s would allow 40% more room for trackers up to 10 minutes, which is a huge impact in sound-editing work.

21:9 ULTRAWIDE

UltraWide QHD 3440 x 1440

THUNDERBOLT™

NEW Mac Pro® Compatible

First monitor: 34UM95

Second monitor: 34UM95

"Two 27" 16:9 ratio monitor shows ONLY up to 6min 50sec."

* 21:9 Screen or 3440x1440 (60Hz) resolution may not be available depending on contents, device, interface or graphic card

Plus Tips !

Comfort eyes with Flicker Safe certified by TUV

IPS display has flicker safe function, which stops invisible black bars from flashing continuously on the screen. This greatly reduces optical strain for pro sound editors, who work long hours staring at the monitor.

Certified as “Flicker Free” by TUV (LG IPS Monitors) January 2014

LG monitors with Flicker Safe feature provides stable image regardless user’s brightness & frequency control.

Conventional Monitors: The darker the Screen, the more flicker.

Video Editor

IN-DEPTH INTERVIEW

Darren, Video Editor

Age 33

Usage software :
Final cut PRO / Adobe Aftereffect etc

Usage Device :
Two 27” Mac display with Mac Pro®/ Master keyboard / PROMISE Pegasus2 / etc.

“Nowadays, instead of Adobe’s sequencing program, we prefer Final Cut Pro, which is for Mac OS only. That’s why the Mac Pro® is a “must-have” equipment in the video editing industry. That’s also the reason why we use Thunderbolt display monitors.

There are bigger displays that provide a higher definition with 21:9 aspect ratio, but most of them are incompatible with Mac Pro. Also, most of them require an additional thunderbolt connector, do not provide high quality pictures above Full HD, and require HDMl Ports, which are slow in display data transmission…We’ would rather not have them at all.

The biggest reason why I use a 27 inch display on two-monitor setting is because it enables horizontal track processing. Sure, there’s no problem when I’m working on a commercial song that’s about a minute long,

When I’m working on a movie or a T.V. program that is over two hours long, I have to keep adjusting the length of the track. That’s a major strain on the eyes. That means I have to keep activating and deactivating the track and effect plug-in too. The screen ratio is small, so it’s nearly impossible to work on more than two task pads.”

We also do motion-graphics, which is needed for post-production with Adobe After Effects. So when we do the effecting jobs, we use two monitors; one for Final Cut, and the other for After Effects.

: From the In-depth interview note

Summary

Q. What does he USE?

Finalcut PRO | AVID | Premiere | Aftereffect | Vegas™ Pro

Q. What to SUGGEST for him?

34UM95, 34UM65

Q. How to OFFER ?

If he prioritizes this	Recommend this!
Using two monitors for long sequencers?	**34UM95, 34UM65**
Need to transfer the video/sound source for Mac Pro?	**34UM95**
Looking for QHD-level resolution?	**34UM95**

* 34UM65 supports 34” 21:9 Full HD (2560x1080) resolution

The World’s 1st 34-inch 21:9 UltraWide QHD (34UM95) for Professional Video Editor

The brand new LG 21:9 UltraWide QHD monitor provides the best working environment ever while enhancing its screen size to 34-inch.

21:9 UltraWide is always a right choice

especially for those of customer who requires the horizontal trackers and activating all the mixers or controllers at the same time.

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* 21:9 Screen or 3440x1440 (60Hz) resolution may not be available depending on contents, device, interface or graphic card

2 Get the Thunderbolt™ 2 All the Way Work

Thunderbolt™ 2 of 34UM95 is a revolutionary cable technology that simultaneously supports high-resolution displays and high-performance data devices through a single, compact port. Especially for video editors, 34UM95's Thunderbolt™ 2 technology gives the advantage of faster transfer speeds up to 20 Gbps and easier expand computing capability by connecting up to six devices via simple daisy-chain configuration. Now video editors can connect New Mac Pro® and storage device to the monitor simultaneously through Thunderbolt™ 2 and run Final Cut Pro with big video sources from their storage device.

* A daisy-chain configuration may not be available depending on PC performance, interface or graphic card.

3 Utilize 7wx2 Built-in Stereo Speakers as Monitoring Speaker

Video editors rarely need to do delicate sound design but sometimes required to do preliminary sound editing or monitor the accuracy between video and sound at the same time. So they do not required to equip an super expensive external speakers like sound designer/editors but it still in needed for reasons. Thus, 34UM95 is a perfect solution for video editors while providing powerful sound coming from the two 7W built-in stereo speakers.

Why 34UM65?

1 21:9 Optimal Ratio for Sequencing

The 34 inch wide screen comes in 21:9 ratio, which is the best to work on horizontal trackers. This allows the user to activate far more video footages and effect presets with trackers than they did with 16:9 Full HD monitors. Unlike conventional monitors, the user does not need to drastically minimize trackers or continuously raise and lower the effect preset taskpads.

* 21:9 Screen or 2560x1080 (60Hz) resolution may not be available depending on contents, device, interface or graphic card

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1 Optimal Ratio for Horizontally-long Track

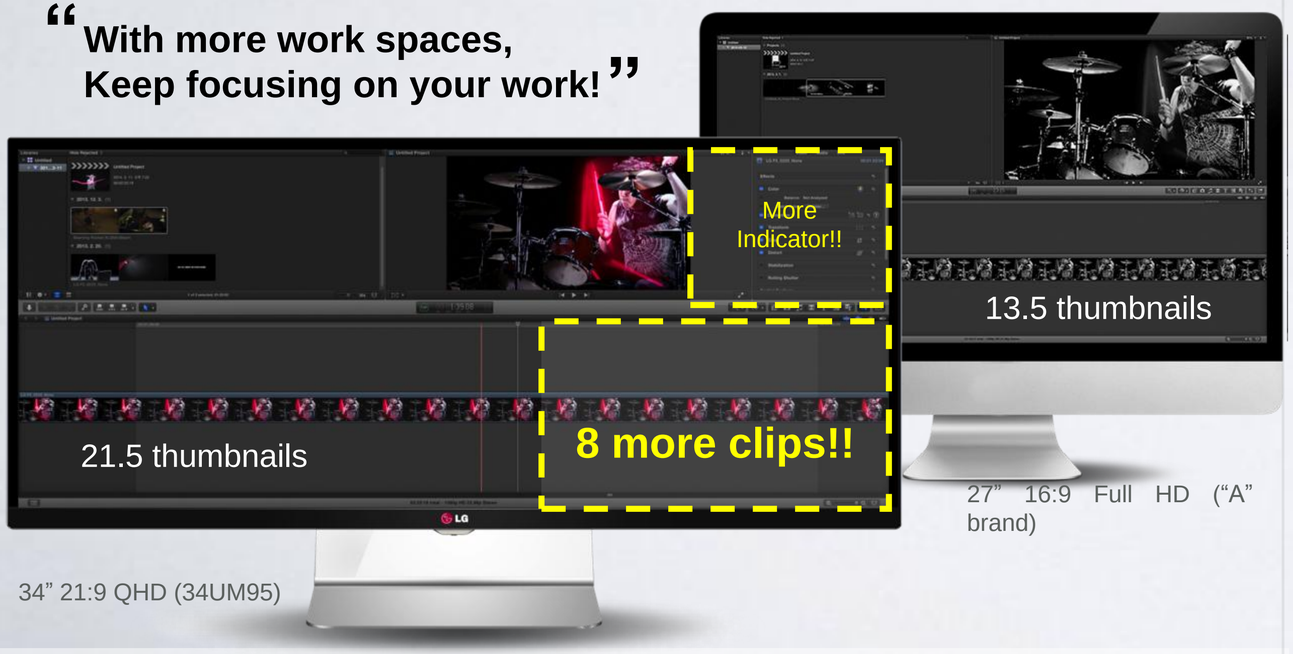
34-inch 21:9 series becomes BIGGER and WIDER in both vertical and horizontal ways than ever before!

The 34 inch wide screen comes in 21:9 ratio, which is the best to work on horizontal trackers. This allows the user to activate far more video footages and effect presets with trackers than they did with 16:9 monitors. Unlike the users of 27inch 16:9 monitors, 34UM95's users do not need to drastically minimize trackers or continuously raise and lower the effect preset windows.

Under the same size thumbnail setting condition(50% size height), 34UM95s clips show up to 8 more than 27inch 16:9 monitors.

With a resolution supported by UltraWide QHD technology, the 3440x1440 UltraWide QHD display offers pixel area, that is about 1.8 times larger than 21:9 UltraWide Full HD monitor and is about 2.4 times larger than a 16:9 Full HD monitor.

"With more work spaces, Keep focusing on your work!"



27" 16:9 Full HD ("A" brand)

34" 21:9 QHD (34UM95)

* This comparison is tested internally under the same condition, but the number of footages and thumbnail views may change upon on the user's environment.

34" 21:9 QHD (34UM95)

2 Work on Both 'After Effect' & 'Finalcut Pro' at Once

We have mentioned in 29EB73's B2B Sales Kit that 21:9 monitor enabled to activate both After Effect and Finalcut Pro at once without switching multiple programs over and over again in a single 16:9 screen. But that's not the end of the story.

Now with 34" of big screen, both 34UM95 and 34UM65 empower the users to activate both programs on a 1:1 ration and at least 30% larger size of the taskpad to prioritize the task progresses than 29EB73, not to mention 16:9 Full HD monitor. This allows convenient and proactive work since users can compare the work done on each program to work simultaneously from 'editing' and 'effecting.'

21:9 ULTRAWIDE

UltraWide QHD 3440 x 1440

* 21:9 Screen or 3440x1440 (60Hz) resolution may not be available depending on contents, device, interface or graphic card

3 Get the Thunderbolt™ 2 All the Way Work

Connect Two 34UM95 Monitors by Daisy Chain to New Mac Pro®

THUNDERBOLT™ NEW Mac Pro® Compatible

Thunderbolt™ 2 of 34UM95 is a revolutionary cable technology that simultaneously supports high-resolution displays and high-performance data devices through a single, compact port. Especially for video editors, 34UM95's Thunderbolt™ 2 technology gives the advantage of faster transfer speeds up to 20 Gbps and easier expand computing capability by connecting up to six devices via simple daisy-chain configuration.

Now video editors can connect New Mac Pro® and storage device to the monitor simultaneously through Thunderbolt™ 2 and run Final Cut Pro with big video sources from their storage device.

* A daisy-chain configuration may not be available depending on PC performance, interface or graphic card.

4 Utilize 7wx2 Built-in Stereo Speakers as Monitoring Speaker

Stereo Speaker

Video editors commonly do the sound editing works too while do their job because sound usually comes over video and they need to monitor the sound to check the flow goes well. For that reason, most video sequencers provide sound trackers separated from video trackers. Since they are not the sound editor, however, they do not require to equip an expensive monitoring speakers. Thus, 34UM95 and 34UM65 are a perfect solution for video editors while providing powerful sound coming from the two 7W built-in stereo speakers.

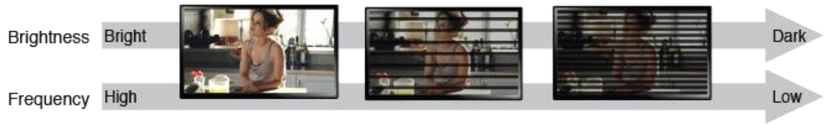
Plus Tips !

Comfort eyes with Flicker Safe certified by TUV

IPS display has flicker safe function, which stops invisible black bars from flashing continuously on the screen. This greatly reduces optical strain for pro video editors, who work long hours staring at the monitor.

Certified as "Flicker Free" by TUV (LG IPS Monitors) January 2014

LG monitors with Flicker Safe feature provides stable image regardless user's brightness & frequency control.

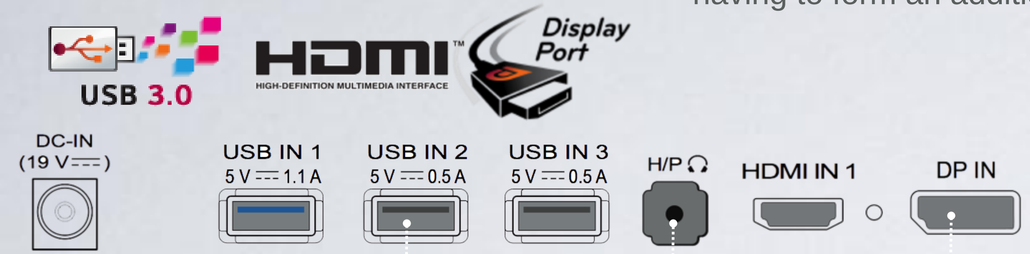


Conventional Monitors: The darker the Screen, the more flicker.

5 Versatile Connectivity

The monitor has been upgraded to support more diverse In/Out connections, including Display port /HDMI/USB3.0.

This allows users to connect various devices such as monitoring display/ roll keyboard/ monitoring headphones and speakers/ external hard drives without having to form an additional hub.



34UM95

Photographer

IN-DEPTH INTERVIEW

Damien , Photographer

Age 39

Usage software :
Capture One / Adobe Photoshop

Usage Device :
5D Mark3 - Eizo ColorEDGE 27(Capture Monitor) / iMac27(re-touching) / etc.

"I have many kind of cameras with me, but primarily use 5D Mark III. Yes- it is quiet expensive, but I think it is definitely worth to invest, and I believe most of photographers would understand why. The most important thing I always focus on is to get the subject as much as it is, so that I can share what I feel throughout the lenses with my audiences.

However, I cannot pass my feelings on audience only with the high-quality camera. Here comes why I need great display monitors. What if the monitor cannot show the whole color space that my 5D Mark III caught? No way!

In that sense, I am also very picky to choose the monitors as much as to choose cameras in order to review and retouch my pictures. It should cover over 99% of Adobe RGB color space with 10 bit color depth in super-high resolution display. It would be a plus if it is easily connecting to Mac devices while I am usually dealing with Mac for high resolution images.

When I work on an image that is vertically long at Photoshop, I need to adjust the size of photos. While working on, adjusting the sizes to optimized ratio is really annoying for me.
Oh, you know what? I do not use dual monitors. This might be a personal preference, but as I mentioned, because I need to review and retouch images at the same time, it is annoying me to set the same color space between two monitors.

Yes, I calibrate on a regular basis, so it would be great if the monitor itself came with a specific preset option. That would really reduce the hassle. The monitor calibration function is really limited and unreliable, so I calibrate using other external products such as spider."

: From the In-depth interview note

Summary

Q. What does he USE?

Paintshop Pro

Capture one

Photoshop

Q. What to SUGGEST for him?

27MB85Z

Q. How to OFFER ?

If he prioritizes this …….…… Recommend this!

• Extremely sensitive with color expression so that looking for a hardware calibration and factory calibrated monitor?

• Need to transfer massive media data among Camera/ Mac Pro/ Storages?

27MB85Z

ColorPrime Monitor (27MB85)

for Professional Photographer

A device for a true professional photographer. Provides total color management with **Software, Hardware Calibration and Adobe RGB's color** space and 10 bit color depth .

Why 27MB85?

1 Total Color Management for Professional Photographer

For professional photographers, who is very sensitive about color, 27MB85 is a must-have monitor as the name of “ColorPrime” represents. 27MB85Z supports AdobeRGB 99% color space as well as 10 bit color depth and accuracy on a 2560x1440 WQHD resolution, 4 times of HD, along with IPS picture quality. Thanks to the specialized color expression, the user is able to display pictures taken by professional cameras such as 5D Mark3 on monitors without experiencing color degradation and by extension color distortion. The monitor itself is equipped with a built-in Scaler and True Color Pro software to directly adjust the color settings to a user defined set point

2 Advanced Picture Quality and Wide color gamut

27MB85Z keeps the ColorPrime series alive! As a series of ColorPrime and as a follow-up model of 27EA83, the “Best Photo Monitor 2013” of TIPA Award, 27MB85 proudly presents a new level of viewing pleasure with 2560x1440 WQHD resolution over IPS’s outstanding picture quality. LG IPS monitor has won several prestigious awards for its utmost picture quality. It is the perfect solution for those who need the most lifelike color expression, which brings the original image alive to the screen.

3 Outstanding Work Performance via Thunderbolt™ 2 (27MB85Z)

Thunderbolt™ 2 is a revolutionary cable technology that simultaneously supports high-resolution displays and high-performance data devices through a single, compact port. With Thunderbolt™ 2 technology, users can take advantage of transfer speeds up to 20 Gbps and easily expand computing capability by connecting up to six devices via simple daisy-chain configuration. Connecting MB85Z simply with Thunderbolt port would allow users to freely use outstanding Mac apps for image viewing and photo editing, such as Capture One. Now users con connect New Mac Pro® laptop and storage device to the monitor simultaneously through Thunderbolt™ and run Photoshop with high resolution images from the storage device.

1 Total Color Management for Professional Photographer

For professional photographers, who is very sensitive about color, 27MB85 is a must-have monitor as the name of “ColorPrime” represents. 27MB85Z supports AdobeRGB over 99% color space as well as 10 bit color depth and accuracy on a 2560x1440 WQHD resolution, 4 times of HD, along with IPS picture quality.

Most photographers’ major interest is that how same the printout image comes out with the pictures taken by professional cameras such as 5D Mark3.

IPS Lifelike Color Expression

Adobe 99%

WQHD 2560 × 1440

Since 27MB85Z itself is equipped with a built-in Scaler and True Color Pro software to directly adjust the color settings to a user defined set point, the photographers can enjoy the color expression without experiencing color degradation and color distortion. By conducting calibration test from the production line, it gives assurance about color accuracy. All of which prevents gaps in color space and expressions between the original photo shot images, monitor screen and the printed result.

True Color Pro

Color Calibrated

Hardware Calibrarion Ready

External Calibrator (Optional)

Original picture on DSLR

Printed Output

Picture on MB85Zs display

Same color expression via MB85Zs Calibration function

2 Advanced Picture Quality and Wide Color Gamut

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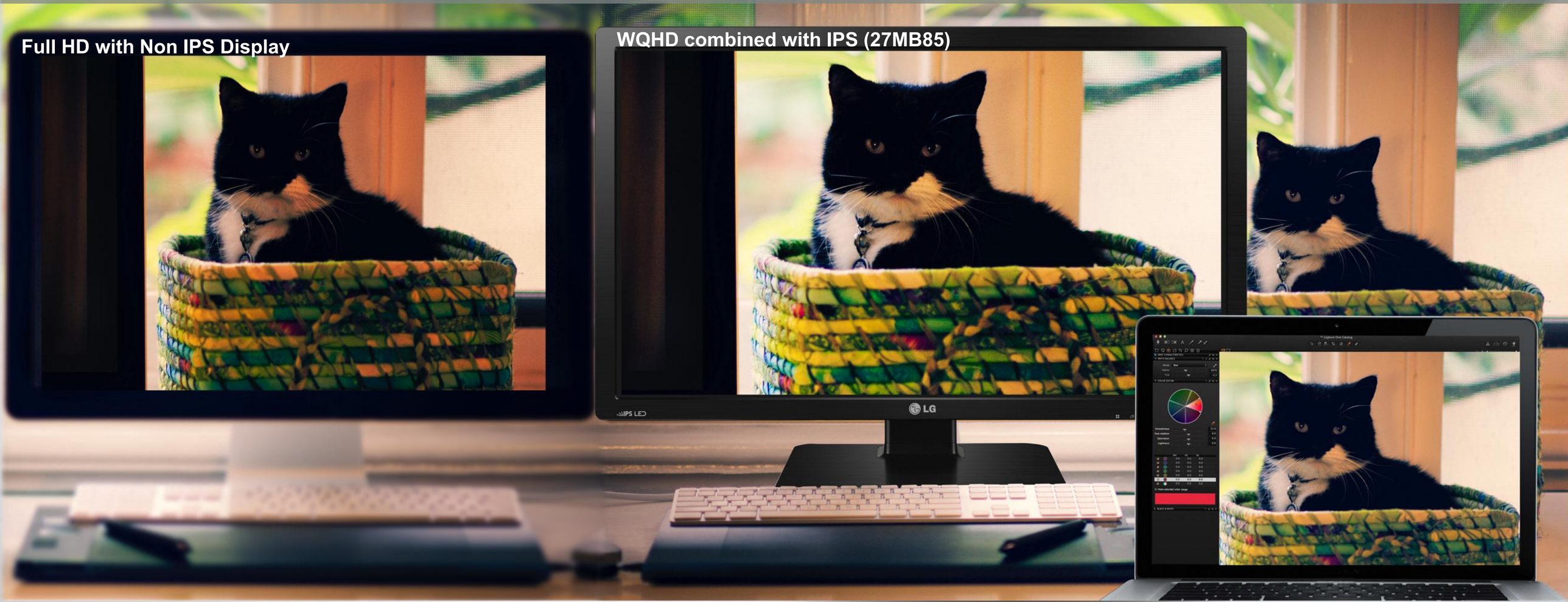
WQHD = 1.7 x Full HD

Unit: Pixels

WQHD	2560x1440 = 3,680,000
Full HD	1920x1080 = 2,070,000
HD	1280x720 = 920,000



3 Fast & Easy Editing via Thunderbolt™ 2

Especially for Photographer, Thunderbolt™ 2 technology gives the advantage of faster transferring high resolution image files up to 20 Gbps and easily expand computing capability by connecting up to six devices via simple daisy-chain configuration. Connecting MB85Z with Thunderbolt port would allow photographers to freely use outstanding Mac apps for image viewing and photo editing. Now professional photographers can connect New Mac Pro® laptop and storage device to the monitor simultaneously through Thunderbolt™ and run Photoshop with high resolution images from the storage device.

THUNDERBOLT™

NEW Mac Pro® Compatible

Transferring
'RAW' format origin image

2 Maximized Ergonomics For Convenience

27MB85Z has a pivot function that enables to photographer rotate origin pictures up to 90 degrees depending on the ratio of the work space. They do not have to reduce size of image, or drag and scroll the vertically long image all the way down any more.

* The display supports 10-bit color over DisplayPort
* Dual Link-up requires specific combination of HDMI/DisplayPort/DVI-D(Dual link) connection with each device.
* Hardware Calibration requires True Color Finder (Only compatible with Windows XP/7/8 by DisplayPort; Windows 7/8 by Thunderbolt; or New Mac Pro® by DisplayPort/Thunderbolt), and compatible calibrator (not included).

Plus Tips !

Comfort eyes with Flicker Safe certified by TUV

IPS display has flicker safe function, which stops invisible black bars from flashing continuously on the screen. This greatly reduces optical strain for photographers, who work long hours staring at the monitor.

Certified as “Flicker Free” by TUV (LG IPS Monitors) January 2014

Flicker SAFE

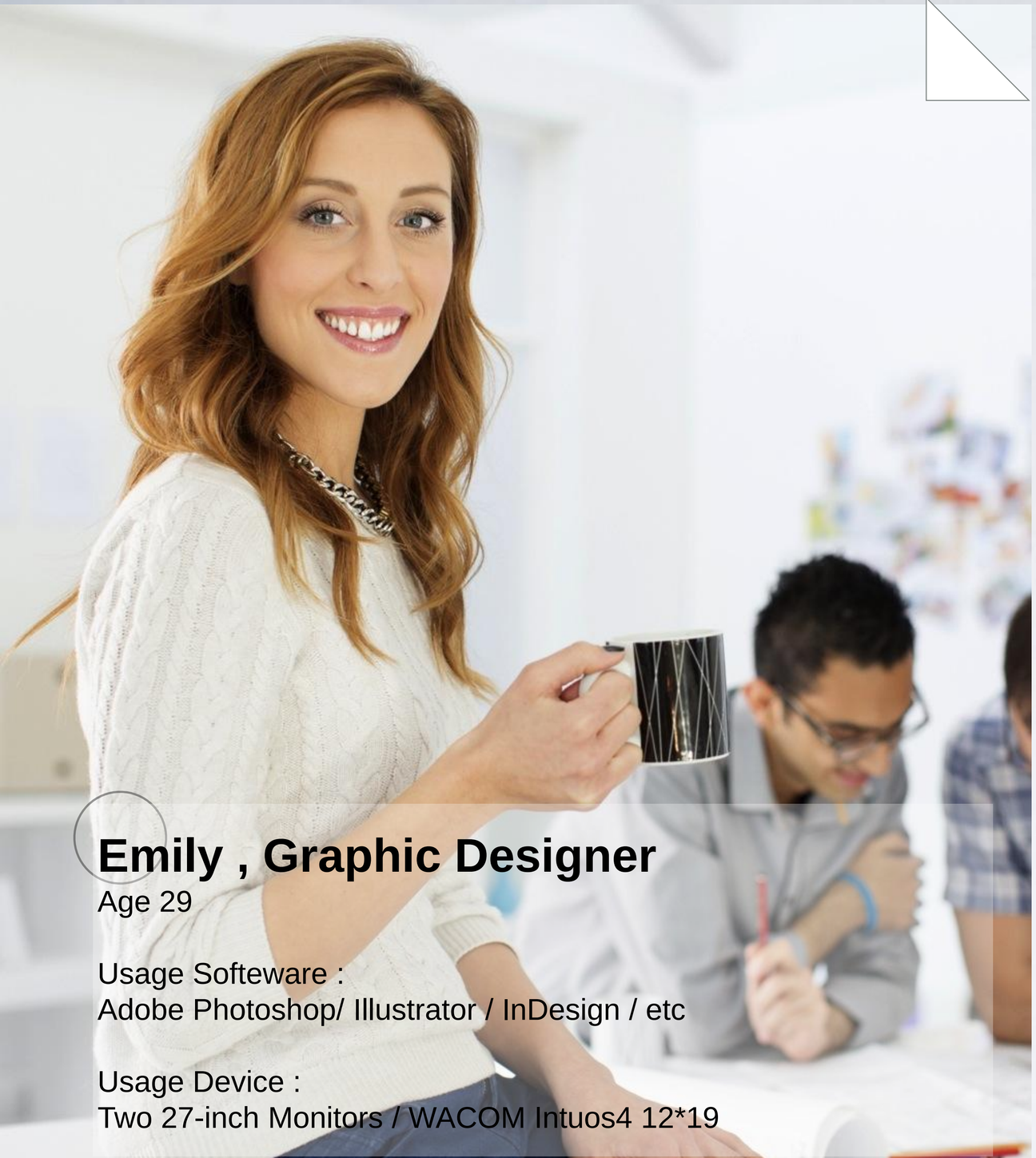
LG monitors with Flicker Safe feature provides stable image regardless user’s brightness & frequency control.

Conventional Monitors

Conventional Monitors: The darker the Screen, the more flicker.

Graphic Designer

IN-DEPTH INTERVIEW

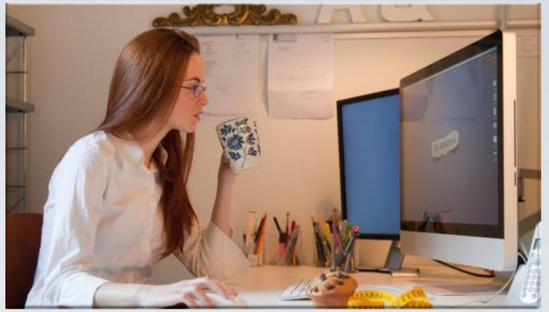


Emily , Graphic Designer

Age 29

Usage Softeware :
Adobe Photoshop/ Illustrator / InDesign / etc

Usage Device :
Two 27-inch Monitors / WACOM Intuos4 12*19



“Most graphic work takes me more than one tool. Most of graphic designers like me would prefer a multi-monitor environment, and I use two 27” monitors side by side as well. As you probably know, you can switch layers among Adobe graphic tools by dragging and dropping, so we use more than one graphic tool on each monitor.

Hmm.. One case I use two monitors side by side is when I open Photoshop on one monitor and the Illustrator on the other. Or, I use two monitors when I need graphic tools like Photoshop and Illustrator for 2D graphics as well as InDesign for editorial. I use one monitor to work on the graphic design, and then I drag the work layer over to the other monitor screen, where the InDesign program is active. That’s where I work on the visual, layout and text altogether.

In that case, however, it makes me bother that color tones are slightly different between two monitors even if the monitors are same models from same brand. For that reason, I always need to spend some times to adjust the two as same as possible.

The other case of using two monitors side by side is when I work drawing on an horizontally-long image. I use both monitors as a single drawing board, but in such case, the bezels in-between two screens also bother me to focus on my work….”

: From the In-depth interview note

Summary

Q. What does she USE?

Illustrator | Photoshop | Indesign | CorelDraw

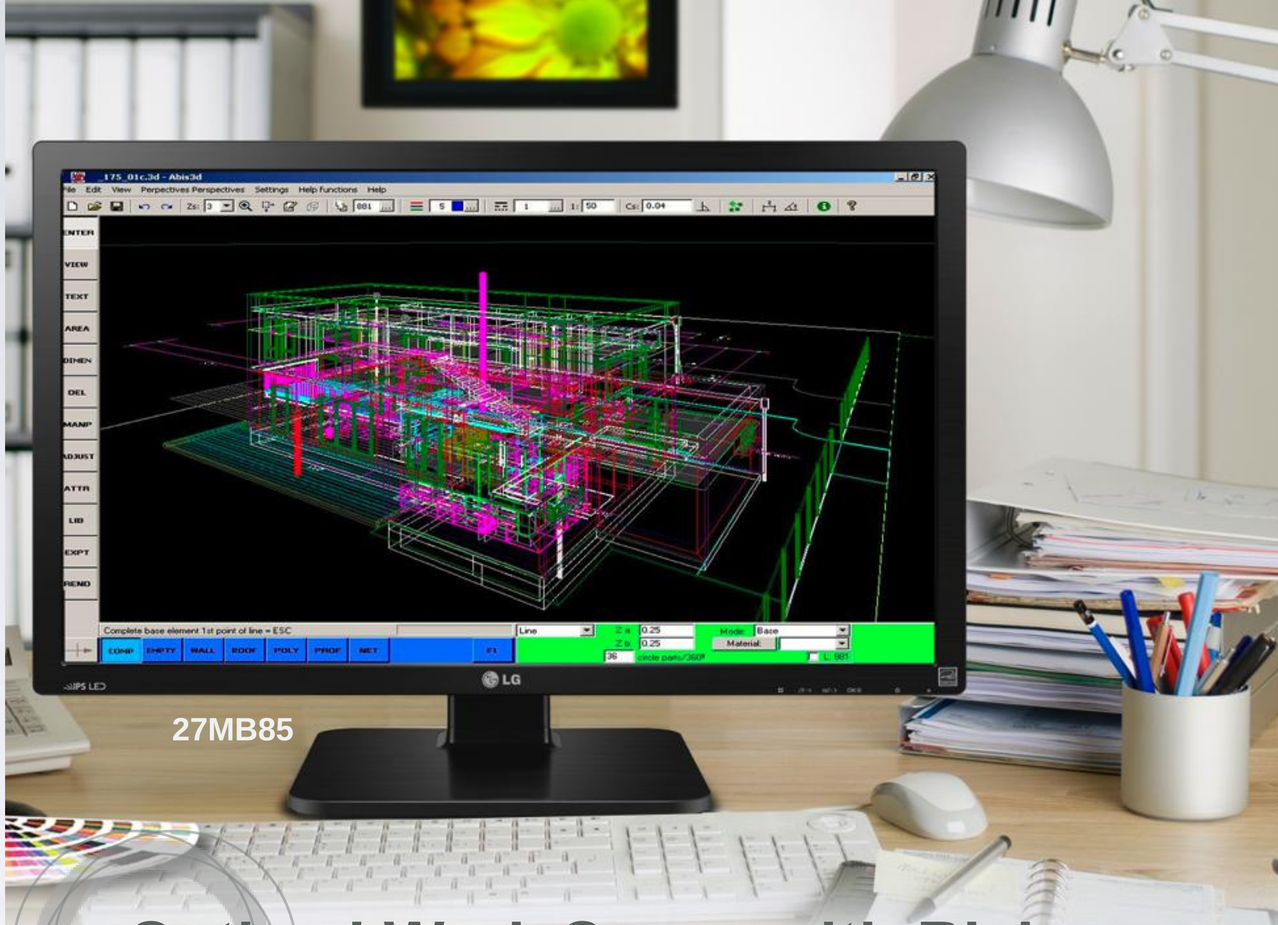
Q. What to SUGGEST for her?

34UM95, 34/29/25UM65, 29UB65, 27MB85Z/R

Q. How to OFFER ?

If he prioritizes this	Recommend this!
• Struggling with your small work space?	**34UM95 34/29/25UM65, 29UB65**
• Doing a lot of vertically long graphic work?	**29UB65**
• Working on graphic for ‘print’, so you need to be sensitive about color accuracy?	**27MB85Z/R**

* Recommend to offer 21:9 UltraWide series depending on the customer’s preference on the size of monitor.



Optimal Work Space with Richer Color Experience

for Professional Graphic Designer

21:9 UltraWide ratio is a perfect choice for graphic designers while having optimal productive work space as well as experiencing richer colors. The minimalistic L-type stand design (only for 29UM65) will also satisfy their aesthetic taste and inspire creativity into them .

Why 34UM95, 34/29/25UM65, and 29UB65?

1 Horizontally Perfect 34UM95, 34/29/25UM65, and 29UB65

:Optimal Work Space for Graphic Designing with 21:9 UltraWide Ratio

Most of 2D designers widely use programs that are provided by Adobe-Photoshop, Illustrator, InDesign, etc,. Users drag and drop subjects to alter subject layers or exchange images side by side while activating Photoshop and Illustrator together, usually on a two monitor setting. With a 21:9 UltraWide monitor, however, users can keep track of the workspace and tool bar and also can simultaneously activate two different tools just like a two monitor setting without having the bezel or other color coming in between the monitors.

21:9 is also optimal ratio for working on horizontally long images as well. Most graphic designers work on Photoshop or Illustrator for various sizes of graphic design. In the case of wider books, the 21:9 aspect ratio monitor allows all sizes, an all types of tools can be activated. The expected outcome can be verified perfectly in a single monitor without having to scroll or downsize. Also, the short screen ratio may have the user continuously selecting & deselecting the anchor of the pen tool option on the Illustrator's taskpad. However, 29UM65 and 25UM65's wide ratio display eliminates the need for this tedious task.

* Offer the appropriate model depending on the customer's personal preference on the size of the monitor.

2 Vertically Perfect 29UB65

:Optimal Work Space in Any Form of Artwork

"Pivot", Newly added in 2014, maximizes work efficiency for those of doing graphic work on vertical frames such as web/magazine editors and bloggers. The vertical layout of 21:9 pivot monitor is more convenient with its wider screen than 16:9. Simply rotate the screen as needed and view the display without scrolling. The height adjustment feature adds convenience.

* 21:9 Screen or 2560x1080 (60Hz) resolution may not be available depending on content, device, interface or graphic card.

Why 27MB85?

1 Total Color Management for Professional Graphic Designer

27MB85Z supports a resolution of WQHD and 99% of AdobeRGB with 10 bit color depth and accuracy. With a built-in Scaler and True Color Pro software, 27MB85Z adjust the color settings to a user defined set point without experiencing color degradation and by extension color distortion. By conducting calibration test from the production line, it gives assurance about color accuracy. All of which prevents gaps in color space and expressions between the original images, monitor screen and the printed result. This definitely supports enhanced efficiency by saving time and process which would suitable for the professionals.
27MB85R supports sRGB over 99% color space with color calibration solution called, True Color Finder. 27MB85R would be recommended to web designers or semi-professional graphic designers who normally use sRGB color space rather than AdobeRGB or composing at all.

2 Advanced Picture Quality and Wide color gamut

27MB85Z keeps the ColorPrime series alive! As a series of ColorPrime and as a follow-up model of 27EA83, the “Best Photo Monitor 2013” of TIPA Award, 27MB85 proudly presents a new level of viewing pleasure with 2560x1440 WQHD resolution over IPS’s outstanding picture quality. LG IPS monitor has won several prestigious awards for its utmost picture quality. It is the perfect solution for those who need the most lifelike color expression, which brings the original image alive to the screen.

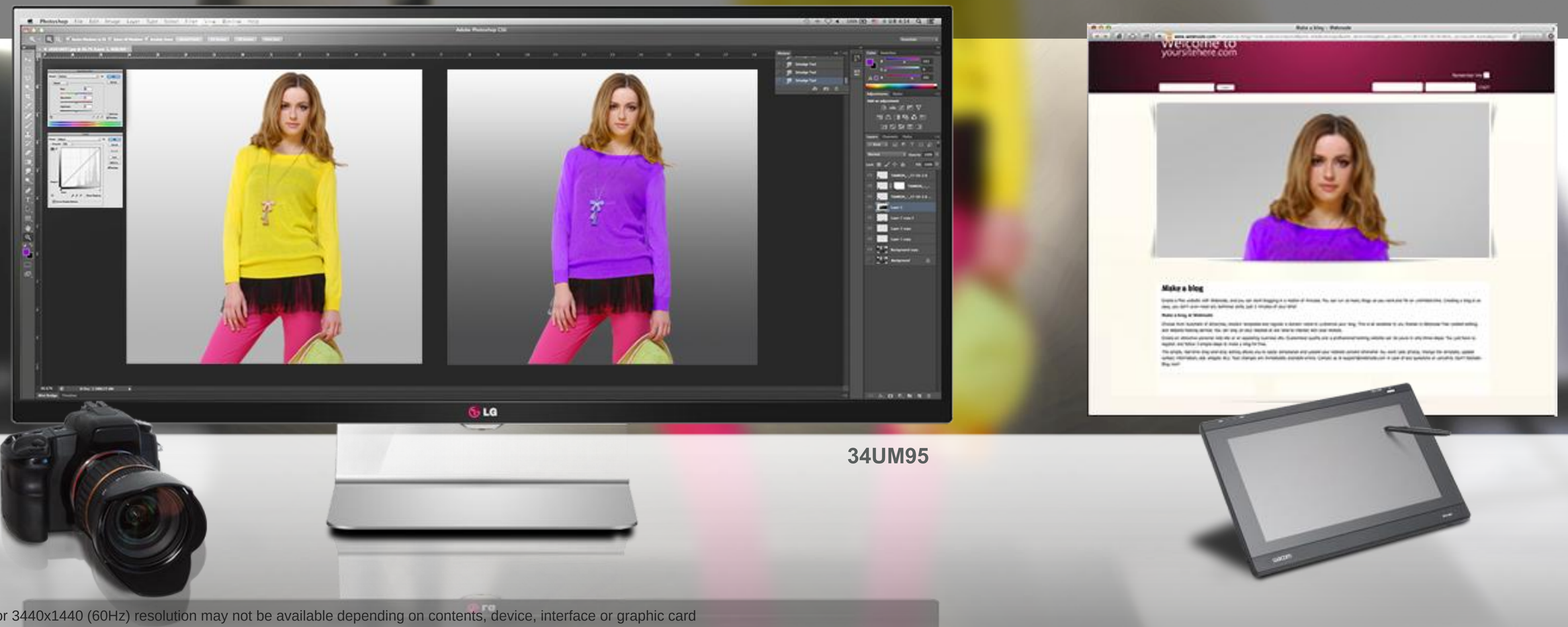
3 Outstanding Work Performance via Thunderbolt™ 2 (27MB85Z) and Mini Display Port (27MB85R)

MB85Z comes with Thunderbolt port, which allows the user to directly connect Mac and storage devices. Thunderbolt2 is unique interface that can transfer data, video, audio simultaneously with super fast speed of 20Gbps. It helps creative professionals who have to works with huge multi-media data efficiently. MB85R supports miniDP which is widely adopted by major graphic cards instead of Thunderbolt™ 2.

The Perfect Choice for Graphic Editing

The brand new LG 21:9 UltraWide QHD monitor 34UM95 brings the most efficient environment for graphic editing programs. 21:9 UltraWide screen displays all the editing image, tools, and program menus in 100% view without overlapping whereas 27” 16:9 screen displays only up to 66.7% view with editing tools over the images. Thus, graphic editors enjoy working on QHD images without scrolling or zooming in and out while editing with the 34UM95.

34UM95 is especially perfect for web graphic designers as it supports sRGB over 99% color space Since website has sRGB color space, 34UM95’s sRGB color space with 3440x1440 UltraWide QHD resolution on IPS’s lifelike picture quality all together optimize web graphic designers’ working environment.



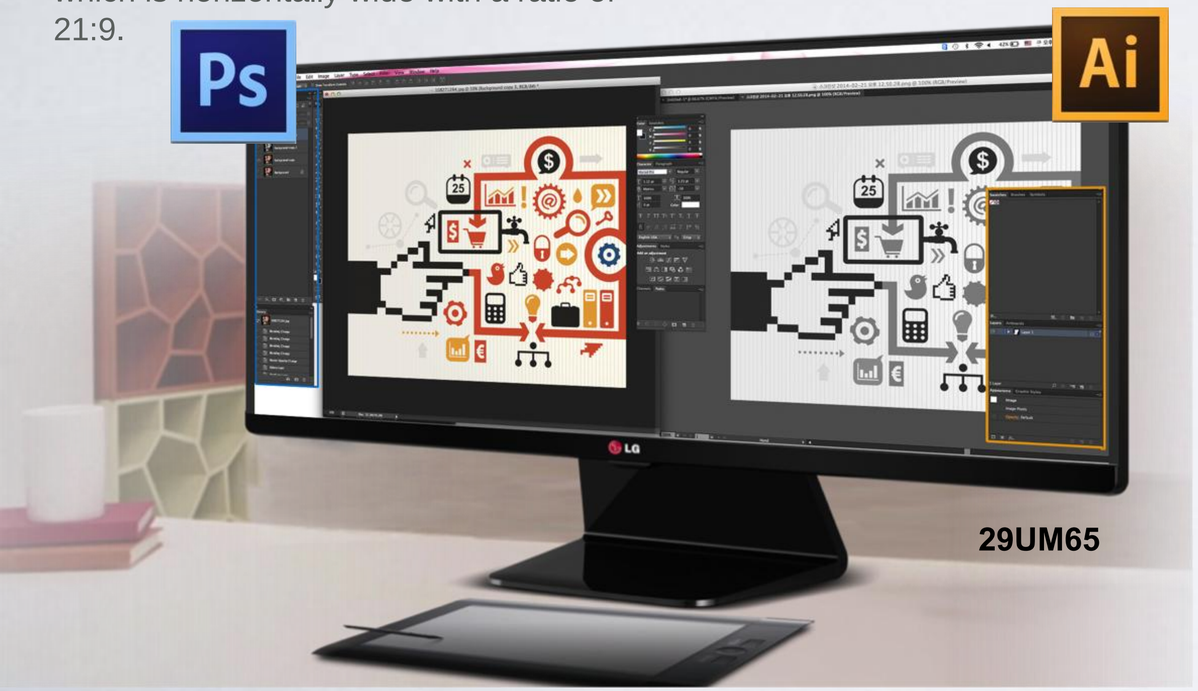
34UM95

* 21:9 Screen or 3440x1440 (60Hz) resolution may not be available depending on contents, device, interface or graphic card

1 Drawing and Painting at once

When working with both Photoshop and Illustrator activated on a conventional 16:9 two-monitor setting, it is common for one workspace to move into the other monitor due to changes in image size. Here, the bezel between the monitors or slight discrepancy in color temperature and resolution between the monitor can cause a gap, undermining accurate image work. However, the user can activate both programs on a single screen using 34UM95, 34/29/25UM65, and 29UB65, which is horizontally wide with a ratio of 21:9.

This allows fast and efficient work without any of the discomfort that comes from using a two-monitor setting. Work is especially tedious for most designers who use a tablet pen on a monitor smaller than 25 or 29 inches. They have to cut their strokes(pen tool's anchor), and it is hard for them to take in all their workspace. Therefore 21:9 UltraWide monitor series are the best display device for graphic work.



* 21:9 Screen or 3440x1440 / 2560x1080 (60Hz) resolution may not be available depending on content, device, interface or graphic card.

2 Optimal Work Space in Any Form of Artwork

29UB65 has a wide 21:9 ratio display, which is the best for 2D design. It especially comes with a 90' pivot function for designers who work on design and vertical magazine editing. This provides the best setting for work, as designers do not need to reduce a vertical image to work on a horizontal display.

Tip!
By activating more than two Adobe tools on one screen, users can drag and drop objects to exchange them or their layers, capitalizing on Adobe's high compatibility. This way, the user does not need to constantly change the ratio of the workspaces.

3 Advanced Color Management For Outstanding Output

MB85Z supports AdobeRGB 99% and 100% sRGB color space as well as 10 bit color depth and accuracy on a 2560x1440 WQHD resolution, 4 times of HD, along with IPS picture quality. It can display most images on Photoshop or InDesign in color that is close to the standard. Even when printing middle or large sized images bigger than A1 size, the monitor can minimize the color difference between the image on display and image that is printed. This ensures optimum graphic output.

MB85Z, it had already got preset at factory and software calibration on display. It provides “Color Calibrated” and “External calibration” to keep the standard color value. This prevents gaps in color space and expressions between the original images, monitor screen and the printed result.

. In the end, this also enables long-term color modification without the aid of additional calibrator or calibration software such as Spider. This definitely supports enhanced efficiency by saving time and process which would suitable for the professionals. Besides that, MB85R has no calibrator preset options.

Plus Tips !

Comfort eyes with Flicker Safe certified by TUV

IPS display has flicker safe function, which stops invisible black bars from flashing continuously on the screen. This greatly reduces optical strain for graphic designers, who work long hours staring at the monitor.

Certified as “Flicker Free” by TUV (LG IPS Monitors) January 2014

Flicker SAFE

LG monitors with Flicker Safe feature provides stable image regardless user’s brightness & frequency control.

Conventional Monitors

Conventional Monitors: The darker the Screen, the more flicker.

Office Manager

IN-DEPTH INTERVIEW

Tina, Office manager

Age 37

Usage software :
MS Office(Excel, Powerpoint, Word, Outlook etc)

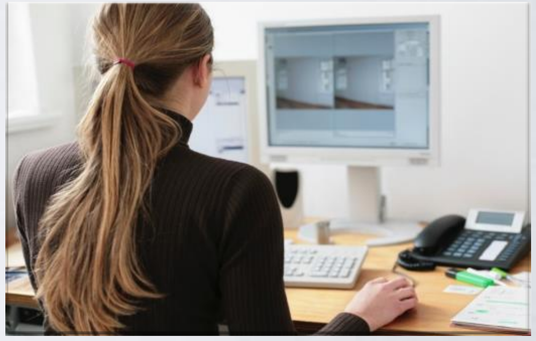
Usage Device :
LG Z360 Ultra PC, / 24” Monitor

“I am working at a law firm from 9 a.m. to 6 p.m., Monday through Friday. I do most of my job on MS Office programs such as Outlook, Document, PowerPoint, and Excel to place in order and Internet Explorer. You can sometimes find me in the reception room for consulting my clients, but most likely I spend time in my room, sitting at the desk and reading a bunch of stuffs all day long. For that reason, even if I have a Ultra PC for easy to carry around, I also must have a dual screen monitor on the side at my desk. I have one 24” monitor for dual screen and review financial statements, or presentation documents .... You know- that kind of stuff.

I think I usually keep 7 to 8 programs activated on the screen all at the same time, and I am super fast at switching programs as I got used to do so.

However, switching many programs are still tired for me as well. Especially when I need to compare or contrast document while reading texts, I go crazy to switch programs over and over again. Also, when I have to have above10 or more programs all together, I can’t manage them all at the same time. In that case, I thought myself having second monitor sometimes.”

: From the In-depth interview note



Summary

Q. What does she USE?

MS Office

MAC Keynote

MAC Page

MAC Number

Q. What to SUGGEST for her?

34UM65 / 29UM65 / 25UM65 / 29UB65 / 24MB65PY / 24MB35PY

Q. How to OFFER ?

If he prioritizes this	Recommend this!
• Operating a bunch of applications at once, so that can't manage them all at the same time?	**34UM65, 29UM65, 29UB65, 25UM65**
• Need to adjust stand height?	**29UB65, 24MB65PY, 24MB35PY**
• Avoid all the complexity but seek the best efficiency and practicability?	**24MB65PY, 24MB35PY**

(Recommend to offer 21:9 UltraWide series depending on the customer's preference on the size of monitor.)

(24MB65PY and 24MB35PY represent a selected size of MB65 and MB35 series respectively.)

* 21:9 Screen or 2560x1080 (60Hz) resolution may not be available depending on content, device, interface or graphic card.

Perfect Multitasking Monitor
for Office manager

Make Life Easier!

21:9 UltraWide ratio gives you more advantages than conventional 16:9 monitor. This will help your work efficiency from multitasking that conventional 16:9 ratio screen cannot provides. Also it will maximize your satisfaction with its amazing ultra-high picture quality.

29UB65

Why 34/29/25UM65 and 29UB65?

1 A New Efficient Multitasking Environment with 21:9 UltraWide Ratio

21:9 ratio provides a better environment for multitasking in comparison to conventional 16:9 monitors. Users will see the full lengths of spreadsheets, and be able to research in a separate window, spaciously located beside it. MS Word, for example, 34UM65 is possible to activate up to four 100% view pages on one screen without making any reductions. Of course, the horizontally long ratio makes it possible to activate Powerpoint and Excel on the same scale to drag and drop objects between programs, expediting the process. Maximize work efficiency and eliminate scrolling and window switching.

* 21:9 Full Screen or 2560x1080 resolution may not be available depending on content, device, interface or graphic card.

2 All about ‘Convenience’

With a 21:9 wide screen ratio, now users can multitask with 4 programs on one screen at the same time. This 4-Screen Split feature conveniently divides the monitor screen from 2 to 4 customizable subscreens of preferred size, without any overlapping of windows. Compatible with Mac®, it provides 8 different screen ratios, changeable by a single click and increases not only user’s convenience but also productivity. 4-Screen Split software includes an auto-fitting function. With a simple drag or a double click, a new window will automatically fit into the marginal room of the screen. Also with the Dual Link-up feature, that allows an HDMI+HDMI link, users can display two devices simultaneously on a single screen. Now one user and the other can simply bring each other’s devices and connect to a single monitor to share and compare information.

* 4-Screen Split software requires DVI-D(Dual link), DisplayPortor HDMI connection with Windows XP/Vista/7/8 or Mac OS® X 10.7 (Lion)/10.8(Mountain Lion)/10.9(Mavericks).
* Dual Link-up requires specific combination of HDMI/DisplayPort/DVI-D(Dual link) connection with each device.

3 Comfort Eyes with Flicker Safe Certified by TUV and Reader Mode

Protect eyes from exhausting flickers and blue lights. LG’s new Flicker Safe system is always on to reduce the flicker level to almost-zero. In addition, activate the Reader Mode to minimize harmful blue lights with a simple touch of a hot-key. Spend as long as you want working without burdening your eyes.

Why 29UB65?

1 Maximized Ergonomics for the Best Convenience

Like other smart devices, the 29UB65’s Pivot&Height Adjustable feature allows user to simply rotate the screen to fit vertically long images or files. When pivoting, user can easily adjust its height too. Leave dragging and scrolling behind.

* Recommend to offer 21:9 UltraWide series depending on the customer’s preference on the size of the monitor.

Why 24MB65PY and 24MB35PY?

1 Best Viewing Pleasure with Eye-care Features

The monitor is designed to help office managers who must process large amounts of text documents at their desk. For these managers, 24MB65PY offers a Flicker Safe Function which eliminates the consistent flicker (invisible to the naked eye) on the screen. And, the Reader Mode automatically modifies colors into softer tones so that looking at screens is no more tiring than reading a book. This minimizes the fatigue that builds up in office managers. Also specially, B2B(Business to Business) monitor such as 24MB65PY/24MB35PY designed not to shining glass or steel material, it's not reflect light, so that looking at monitor is no more tired.

2 Ergonomic design for office workers

The user can adjust the tilt angle from -5' to +30', and the height from 50mm to 130mm(24MB35PY : 5' to +20', and the height from 100mm to 120mm). This enables the user to adjust the monitor settings according to their preference.

3 16:10 ratio for advanced document work *MB65 Only

While most monitors have 16:9 ratio, 24MB65PY has 16:10. The user is able to activate A4 size Word documents (the most common format in document processing) on a 1:1 scale. This prevents the text from getting cut, helps the user type accurately and quickly, and refer to other documents with ease.

4 Upgraded usability

The display port has up to three USB ports, so the user can connect mouse, keyboard and other office devices. This makes it possible for the office manager to set up office devices according to their style and working environment.

5 Eco-friendly work environment

The monitor has a Super Energy Saving Hotkey, which reduces electricity consumption. The more monitors an office has, the more it can benefit from this function in efficiency and economic feasibility.

* 24MB65PY and 24MB35PY represent a selected size of MB65 and MB35 series respectively.

* Recommend to offer the series depending on the customer's preference on the size and specification of the monitor.

1

34/29/25UM65 and 29UB65

Ultimate Multitasking Powerhouse

IPS Lifelike Color Expression

21:9 ULTRAWIDE

4-Screen Split

Dual Linkup

Mac® Compatible

Certified as "Flicker Free" by TUV
(LG IPS Monitors January 2014)

Flicker SAFE

Reader Mode

The 21:9 ratio's spacious working environment, convenient features (4-Screen Split and Dual Link-up) and even eye comfort features (Flicker Safe and Reader Mode).....!!
All together are best companion of office workers, and everything comes out in 21:9 UltraWide monitor series.

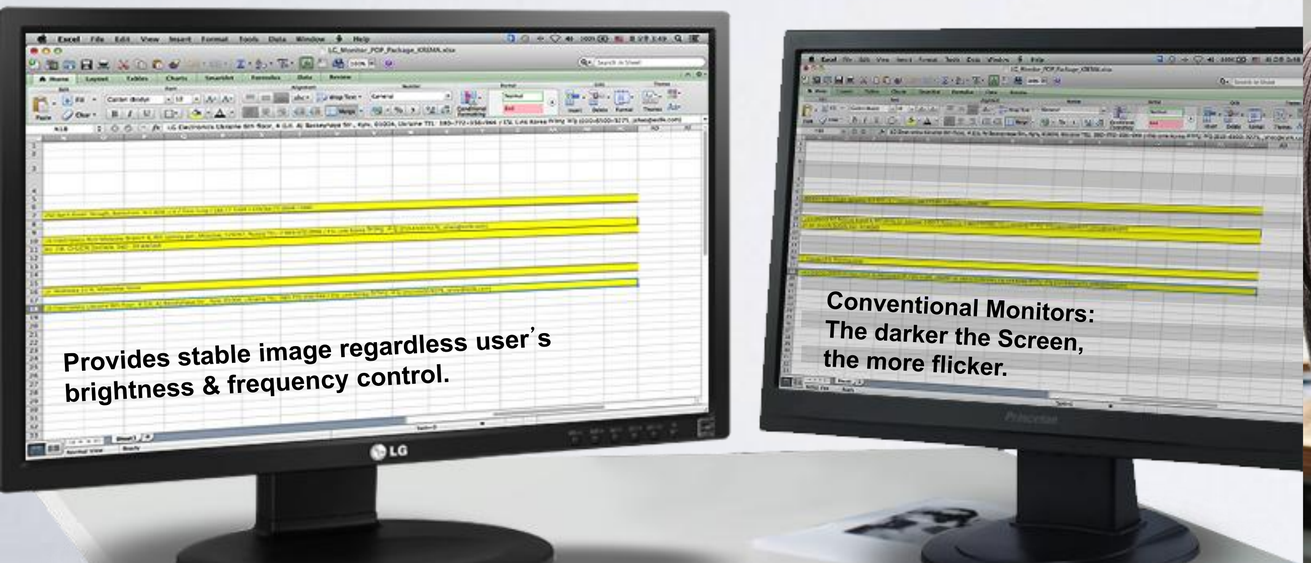
2 Eye Comfort Display Certified by TUV

Certified as “Flicker Free” by TUV
(LG IPS Monitors)
January 2014

2014 New LG 24MB65,24MB35 monitor including 21:9 UltraWide monitor series are designed to ease the eyes of office managers who must process large amounts of text documents at their desk. Flicker Safe function supported 24MB65/24MB35 that is certified as “Flicker Free” by TUV, is always on to reduce the flicker level to almost zero.

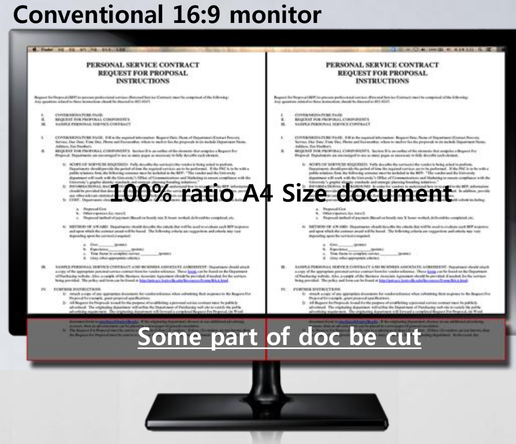
Also, the Reader Mode automatically modifies colors into softer tones so that looking at screens is no more tiring than reading a book. This minimizes the fatigue that builds up in office managers. Protect eyes from exhausting flickers and blue lights!

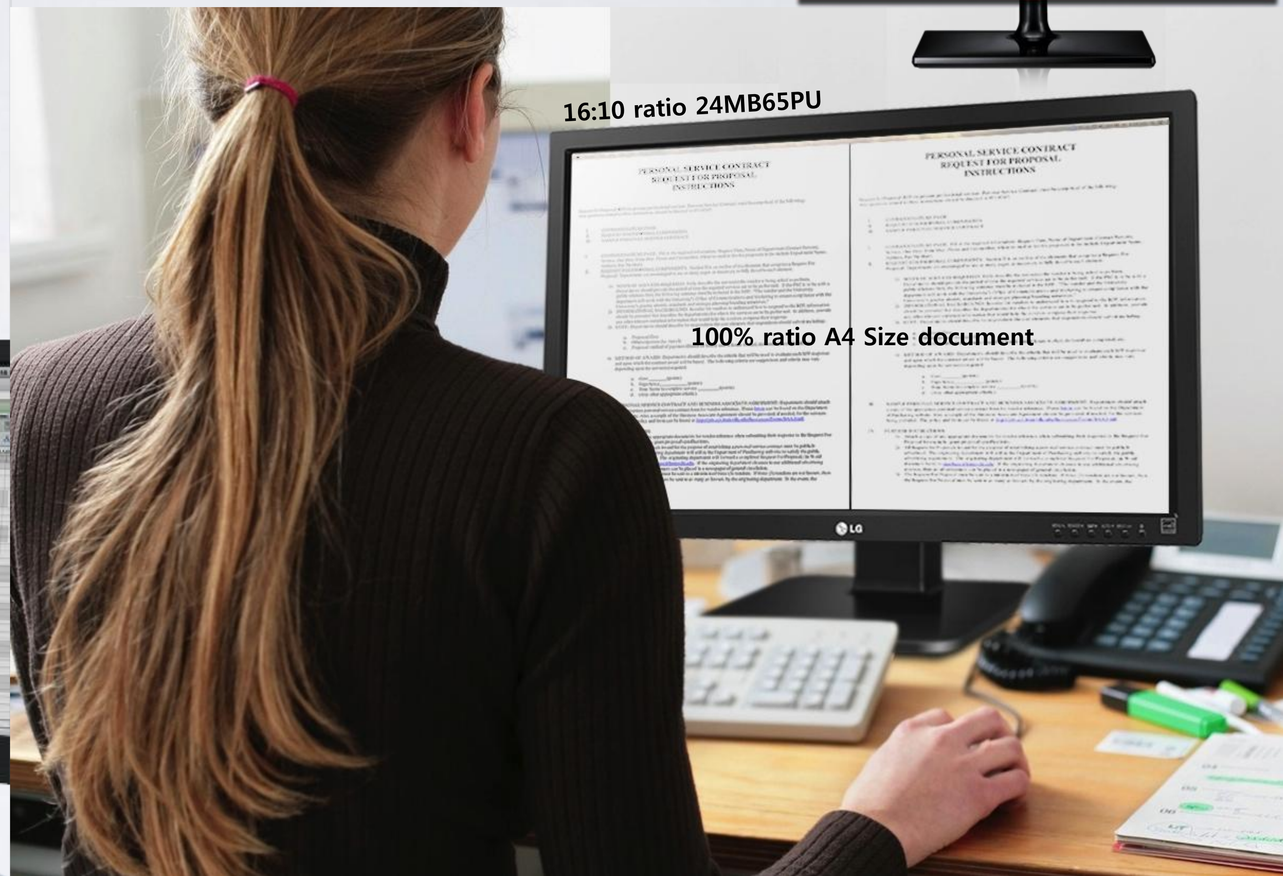
Reader Mode


Provides stable image regardless user’s brightness & frequency control.
Conventional Monitors:
The darker the Screen,
the more flicker.

3 16:10 ratio for advanced documentation work

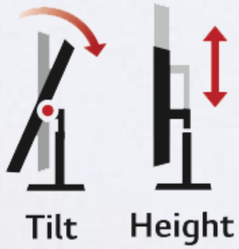
While most monitors have 16:9 ratio, 24MB65PY has 16:10. The user is able to activate A4 size Word documents (the most common format in document processing) on a 1:1 scale. This prevents the text from getting cut, helps the user type accurately and quickly, and refer to other documents with ease.





4 Ergonomic design and upgraded usability for office worker

The user can adjust the tilt angle from -5˚ to +30˚, and the height from 50mm to 130mm (24MB35PY : 5˚ to +20˚, and the height from 100mm to 120mm). This enables the user to adjust the monitor settings according to their preference. This ergonomic design was specially created in regards to the long, sedentary work style that office managers are accustomed to.



5 Upgraded usability

USB 2.0

24MB65PY/24MB35PY has up to three USB ports, so the user can connect mouse, keyboard and other office devices.

6 Eco-friendly display

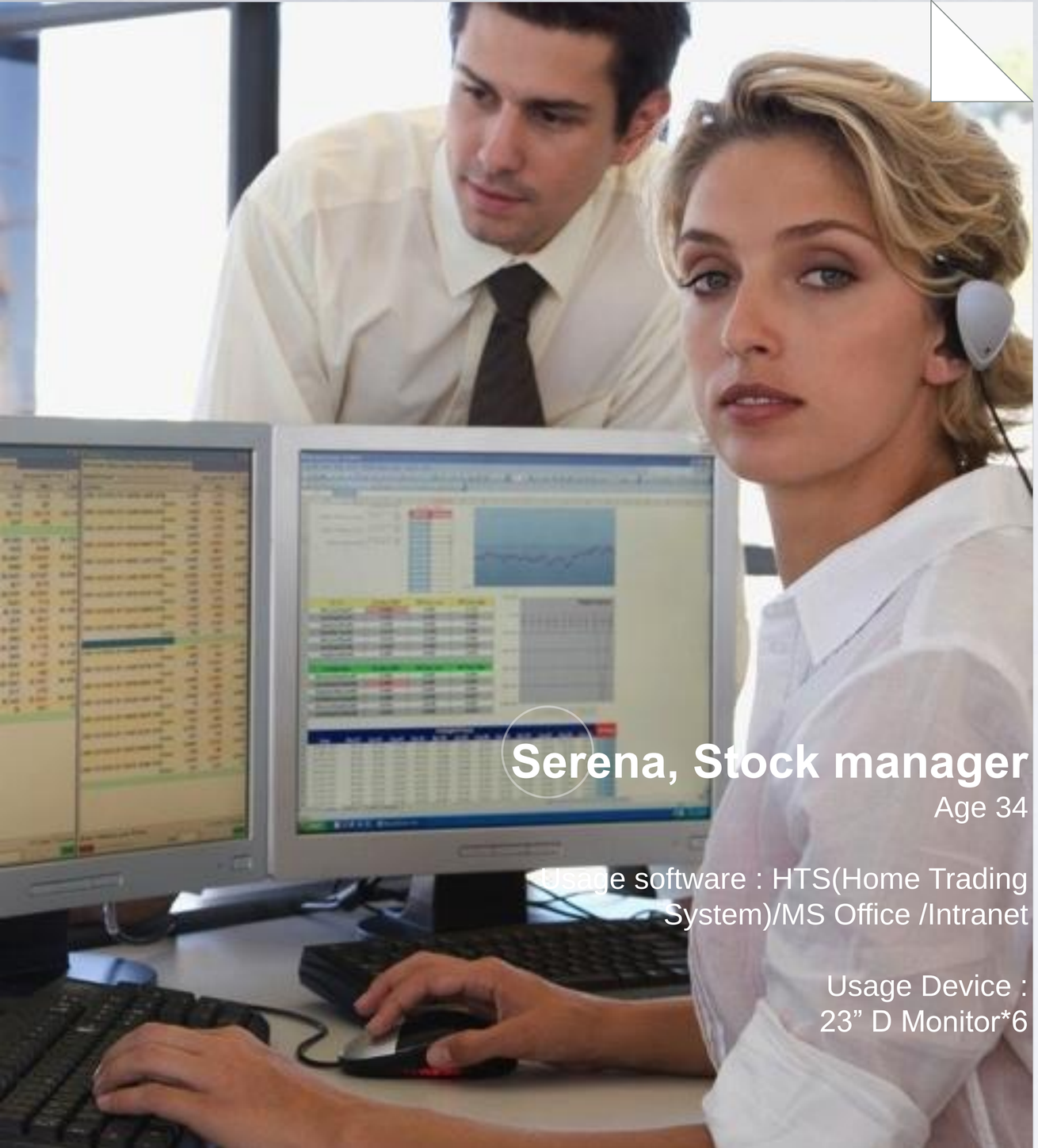
SUPER Energy Saving

CONSERVE ENERGY BY ADJUSTING SCREEN BRIGHTNESS

24MB65PY/24MB35PY has a Super Energy Saving Hotkey, which reduces electricity consumption. The more monitors an office has, the more it can benefit from this function in efficiency and economic feasibility.

Stock Manager

IN-DEPTH INTERVIEW

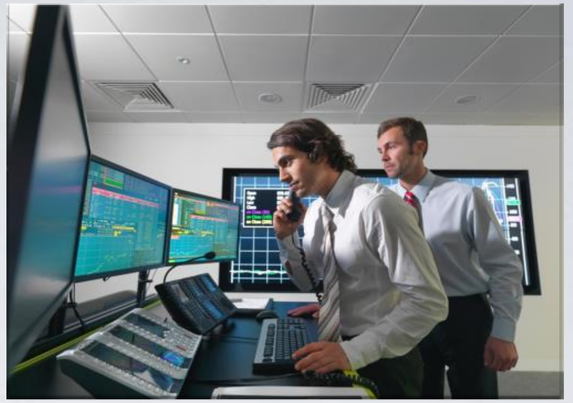


Serena, Stock manager

Age 34

Usage software : HTS(Home Trading System)/MS Office /Intranet

Usage Device :
23” D Monitor*6



“Yes, I use six 23 inch monitors from D brand. Of course, all the monitors show different contents. Okay, the upper three monitors show me monthly trend, market status and favorite stocks. The lower three show the daily trend, which is the most important real-time trade and our intranet…pivot does not necessarily required for me because most of stock trading data is in horizontal shape, but I think I somewhat need tilt and height to adjust.

Of course, window activation changes according to the situation, but that is the basic layout. Yes, it is hard to track all these numbers simultaneously. And you can’t stare at them all day either, because they cause headaches and even nausea. As we use six computers, we do not have a graphic card that supports all of them. Therefore, we connect them to two desktops. This can sometimes cause a problem.

We have to manage each desktop and each monitor separately, so sometimes it is hard to tell which desktop is connected to which monitor. That’s because we installed monitors that are same in size ratio without regarding priority, so it is inevitable.

This is complicated because when we activate the trade window or intranet simultaneously on one monitor, we can’t see the tiny numeric data. This is critical because we need these programs to make split-second decisions. There’s nothing much we can do about that, because it may complicate our work even further. ”

: From the In-depth interview note

Summary

Q. What does she USE?

HTS (Home Trading System)

Q. What to SUGGEST for her?

34UM65 / 29UB65/ 29UM65
24MB65PY / 24MB35PY

Q. How to OFFER ?

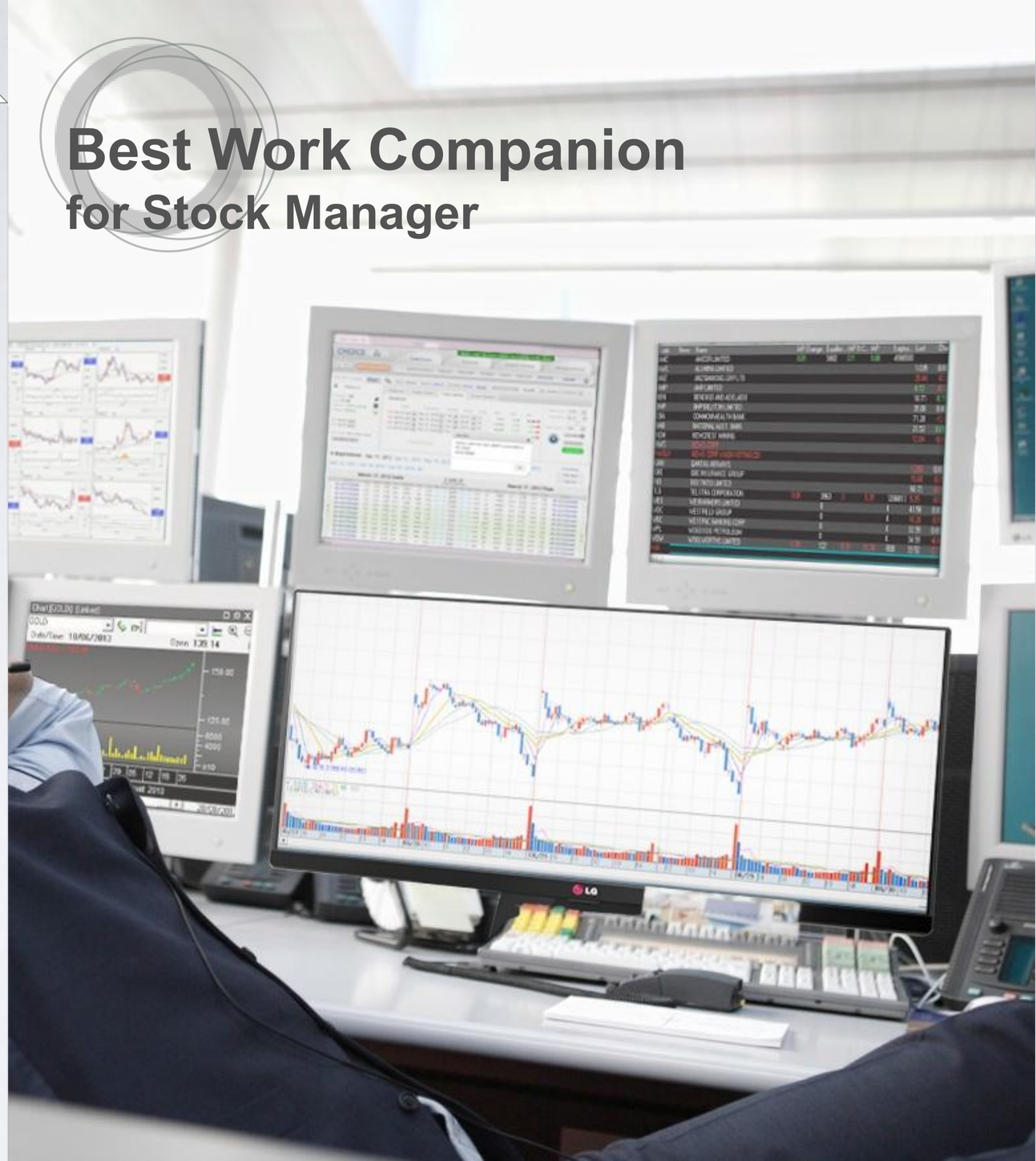
If he prioritizes this ……..……..	Recommend this!
• Struggle with multi-monitor and dealing with horizontally long data?	**34UM65, 29UB65, 29UM65**
• Avoid all the complexity but seek the best efficiency and practicability for your multi-monitor environment?	**24MB65PY, 24MB35PY**

(Recommend to offer 21:9 UltraWide series depending on the customer's preference on the size of monitor.)

(24MB65PY and 24MB35PY represent a selected size of MB65 and MB35 series respectively.)

* 21:9 Full Screen or 2560x1080 resolution may not be available depending on content, device, interface or graphic card.

Best Work Companion
for Stock Manager



Why 34UM65 / 29UB65 / 29UM65?

1 A New Efficient Multitasking Environment with 21:9 UltraWide Ratio

21:9 ratio provides a better environment for multitasking in compare to conventional 16:9 monitors. Stock managers will see the full lengths of year stock data graphs, and be able to research in a separate window, spaciously located beside it. Especially, If the 34UM65, 29UB65, or 29UM65 is replaced for the main monitor, it would be effective for using the HTS (Home Trading System) program and the intranet messenger or real-time stock order taskpad. It also promises faster action and more efficient trading. Thanks for 21:9 ratio wide display, you can more focus on your work without missing critical information. It is all about 'Work Performance." In a financial office, work meetings are held in conference rooms several times a day. The data most frequently used are daily and monthly trade volume charts, which are drawn horizontally. 34UM65's 21:9 ratio wide screen can display all these data without reducing them or cutting them off. The user no longer needs to display sheets at a reduced ratio. The wide viewing angle of 178'/178' gives managers a clear view of the data images and monthly trade volume chart texts without any distortions. In addition, the monitor can be wall-mounted without a stand, depending on the design of the office environment.

* 21:9 Full Screen or 2560x1080 resolution may not be available depending on content, device, interface or graphic card.

2 Comfort Eyes with Flicker Safe Certified by TUV and Reader Mode for in a Multi-monitor Environment

The monitor is designed to help stock managers who must work long hours at their desk, constantly looking at four or monitors filled with stock data . For these managers, the monitor offers a Flicker Safe Function which eliminates the consistent flicker in the screen. Also, the Reader Mode automatically modifies colors into softer tones so that looking at screens is no more tiring than reading a real-document. This minimizes the fatigue that builds up in stock managers.

Why 29UB65 ?

1 Best Convenience from Maximized Ergonomics: Only for 29UB65

The stock manager can adjust the tilt angle from -5 to +15 degrees and the height up to 110mm. This ergonomics helps the stock manager who may easily feel tired of its pre-settled ergonomics while adjusting the 29UB65 settings according to their preference for working long hours staring at the monitor.

* Recommend to offer 21:9 UltraWide series depending on the customer's preference on the size of the monitor.

Why 24MB65PY and 24MB35PY?

1 Build a optimum Multi-Monitor system without eye strain

The monitor is designed to help stock managers who must work long hours at their desk, constantly looking at four or monitors filled with complicated stock datas and HTS taskpads. For these managers, the monitor offers a Flicker Safe Function which eliminates the consistent flicker in the screen. Also, the Reader Mode automatically modifies colors into softer tones so that looking at screens is no more tiring than reading a real-document. This minimizes the fatigue that builds up in stock managers. Also specially, B2B(Business to Business) monitor such as 24MB65PY/24MB35PY designed not to shining glass or steel material, it's not reflect light, So that looking at monitor is no more tiring.

2 Ergonomic design for Stock manager

The monitor is designed to help stock managers who must work at divided multi-monitor environment.
The stock manager can adjust the tilt angle from -5ʾ to +30ʾ, and the height from 50mm to 130mm(24MB35PY : 5ʾ to +20ʾ, and the height from 100mm to 120mm). This enables the stock manager to adjust the monitor settings according to their preference of multi-monitor environment

3 16:10 ratio for advanced document work *MB65 Only

While most monitors have 16:9 ratio, 24MB65PY has 16:10. The user is able to activate A4 size market condition chart document on a 1:1 scale.
This prevents the stock data from getting cut, helps the user type accurately and quickly, and refer to other documents with ease.

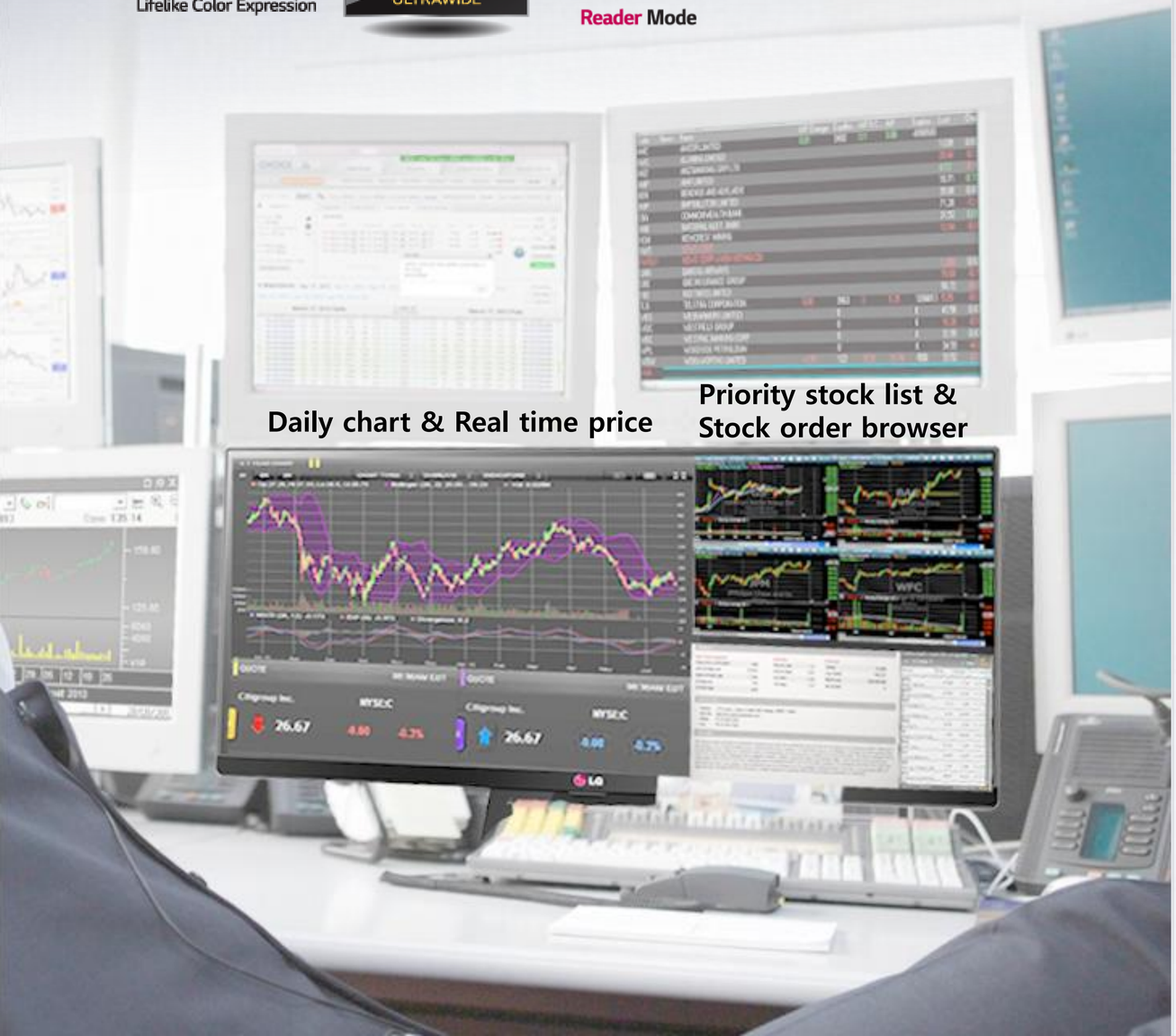
* 24MB65PY and 24MB35PY represent a selected size of MB65 and MB35 series respectively.
* Recommend to offer the series depending on the customer's preference on the size and specification of the monitor.

1 34UM65/ 29UB65 / 29UM65
Manage Your Work Efficiency

IPS Lifelike Color Expression

21:9 ULTRAWIDE

Reader Mode



Activating Multi-HTS's Taskpad on One Screen

Now, the stock manager can activate the daily trade volume chart, real-time trading window and intranet messenger all at the same time on a wide, 21:9 ratio display. They can use the UltraWide monitor as a main console, and having all the important data on one screen helps the managers make rational and quick decisions.

The data most frequently used are daily and monthly trade volume charts, which are drawn horizontally. 21:9 UltraWide screen can display them all data without reducing or cutting off.

Furthermore, 21:9 UltraWide monitor series including 34UM65, 29UB65, and 29UM65 is designed to help stock manager who works long hours at their desk, constantly looking at monitors filled with stock data. 21:9 UltraWide series' Flicker Safe on IPS display technology and Reader mode function automatically modifies colors into softer tones so that looking at screens is no more tired. This minimizes the tiredness that stacked with stock managers.

Plus Tips !

Comfort eyes with Flicker Safe certified by TUV

IPS display has flicker safe function, which stops invisible black bars from flashing continuously on the screen. This greatly reduces optical strain for stock traders, who work long hours staring at the monitor.

Certified as "Flicker Free" by TUV (LG IPS Monitors) January 2014

LG monitors with Flicker Safe feature provides stable image regardless user's brightness & frequency control.

Conventional Monitors: The darker the Screen, the more flicker.

3

24MB65/ 24MB35

Optimum Multi-Monitor System Without Eye Strain

New LG B2B monitor series including 24MB65 and 24MB35 are designed to ease the eyes of stock managers, who must work long hours at their desk, constantly looking at four or more monitors filled with data. LG's new Flicker Safe that is certified as "Flicker Free" by TUV, is always on to reduce the flicker level to almost zero. In addition, the Reader Mode automatically modifies harmful blue lights into softer tones so that looking at screens is no more tiring than reading a book. Protect eyes from exhausting flickers and blue lights!

Certified as "Flicker Free" by TUV
(LG IPS Monitors)
January 2014

Flicker SAFE

Reader Mode

SUPER Energy Saving
CONSERVE ENERGY BY ADJUSTING SCREEN BRIGHTNESS

Height

Versatile Application

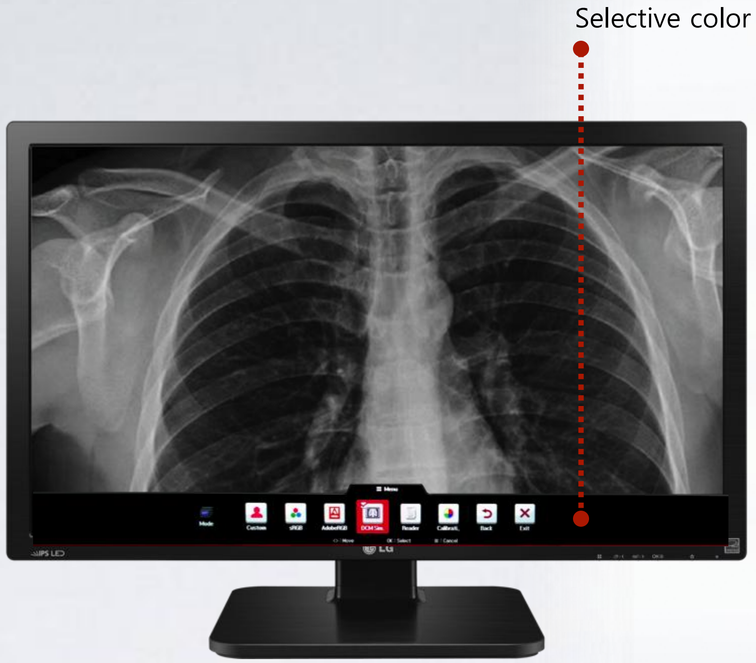
: MB85Z for Medical Consulting

1 Specialized ‘Gamma’ Preset For Clinical Consulting

Hospitals, healthcare centers requires a lot of displays that can express medical images correctly, even it is not an medical display so that users can check MRI or CT scans. Displays in hospitals do not need to express a wide range of colors. Rather, hospital displays need to show clear contrast so that doctors can discern the difference between muscles, bone, fat and blood.

Today, DICOM standard is widely accepted as the standard for medical display monitors. However, medical monitors that can express DICOM gamma tend to be far more expensive than others. Therefore, it is difficult for clinics and educational institutions to purchase a large number of these screens. Only major hospitals and university hospitals can afford these monitors.

MB85Z/R supports DICOM Simulation preset and also the True Color Pro calibration SW supports DICOM correction. Therefore user can calibrate the display according to the DICOM gamma standards whenever they want. This enables MB85Z to display medical images such as MRIs and X-rays with accuracy and clarity. As it comes at a reasonable price compared to diagnostic DICOM Display and has equivalent color display, MB85Z is an attractive option for healthcare clients



MB85Z : Use the DICOM Simulation preset

Conventional display

* MB85 is not a medical-certified equipment and cannot be used for diagonal purpose.

3. Certification Standard

Certification Standard

		34UM95	34UM65	29UM65	25UM65	29UB65	27MB85	24MB65PY	24MB35PY
Safety standard	UL	● (Mar/End)	● (Mar/End)	●	●	●			
	TUV	●	●	●	●	●			
	CB	●	●	●	●				
Electromagnetic compatibility	FCC-B	●	●	●	●	●		●	●
	CE	●	●	●	●	●		●	●
	KC	●	●	●	●	●			
Energy standard	EPA (6.0)	●	●	●	●	●			
	ROHS	N/A	N/A	●	●	●	N/A	N/A	N/A
	REACH	N/A	N/A	●	●	●	N/A	N/A	N/A

Certification Standard_34UM95

ZERTIFIKAT ◆ CERTIFICATE ◆ 合格証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

TÜV SÜD Product Service

CERTIFICATE

No. Z1 14 01 85061 167

Holder of Certificate: LG Electronics Inc.
222, LG-ro, Jinwi-myeon
Pyeongtaek-si, Gyeonggi-do 451-713
REPUBLIC OF KOREA

Production Facility(ies): 33786, 48125, 73741

Certification Mark:

Product: Monitors (Monitor)

Model(s): 34UM95
Trade name: LG

Parameters:
Rated input voltage: 19 V d.c.
Rated input current: 6.5 A
Protection class: III

Tested according to: EN 60950-1/A12:2011

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 077-1032214-000

Date, 2014-01-27 (Havard Lee)

Page 1 of 1

TÜV SÜD Product Service GmbH · Zertifizierstelle · Ridlerstraße 65 · 80339 München · Germany

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ONETECH

Accredited Testing Laboratory under the terms of ISO/IEC 17025

FC

DECLARATION OF CONFORMITY

FCC RULES PART 2 & 15
CLASS B COMPUTING DEVICE PERIPHERAL (JBP)

for

PRODUCT: LED MONITOR
"MODEL NAME: 34UM95-P"

AUTHORIZED

LG Electronics Inc.
20, Yeouido-dong, Yeongdeungpo-gu, Seoul, Korea

February 10, 2014

SUMMARY

The above equipment complies with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.4: 2009/ Canadian Standard ICES-003: 2012.

This is only valid in connection with Test Report: E142R-020

The ONETECH Corp., has been accredited as a Conformity Assessment Body (CAB) with designation number, KR0013 from FCC.

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HEAD OFFICE: 301-14 Daesangnyeong-ri, Chowol-eup, Gwangju-si, Gyeonggi-do 464-862 Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

ONETECH

Accredited Testing Laboratory under the terms of ISO/IEC 17025

CE CONFORMANCE REPORT

EMC DIRECTIVE 2004/108/EC

for

PRODUCT: LED MONITOR

"MODEL NAME: 34UM95-P"
MULTIPLE MODEL NAME: 34UM95

AUTHORIZED

LG Electronics Inc.
20, Yeouido-dong, Yeongdeungpo-gu, Seoul, Korea

January 14, 2014

SUMMARY

The equipment complies with the standards;
☒EN 55022: 2010 (Class B)
☒EN 61000-3-2: 2006 + A1: 2009 + A2: 2009
☒EN 61000-3-3: 2008
☒EN 55024: 2010
☒AS/NZS CISPR 22: 2009 + A1 : 2010

(signature)
Gea-Won, Lee / Managing Director

This is only valid in connection with Test Report: E141R-033

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HEAD OFFICE: 301-14 Daesangnyeong-ri, Chowol-eup, Gwangju-si, Gyeonggi-do 464-862 Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

IEC IECEE CB SCHEME

Ref. Certif. No.
NO79220

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME — SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Product / Produit	LCD Monitor
Name and address of the applicant / Nom et adresse du demandeur	LG Electronics Inc. 222, LG-ro, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, 451-713 Korea, Republic of
Name and address of the manufacturer / Nom et adresse du fabricant	LG Electronics Inc. 222, LG-ro, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, 451-713 Korea, Republic of
Name and address of the factory / Nom et adresse de l'usine	☑ Additional information on page 2
Ratings and principal characteristics / Valeurs nominales et caractéristiques principales	6.5A 19Vdc Cl. III
Trademark (if any) / Marque de fabrique (si elle existe)	LG
Type of Manufacturer's Testing Laboratories used / Type de programme du laboratoire d'essais constructeur	
Model / Type Ref. / Ref. De type	34UM95
Additional information (if necessary may also be reported on page 2) / Les informations complémentaires (si nécessaire, peuvent être indiqués sur la deuxième page	☐ Additional information on page 2
A sample of the product was tested and found to be in conformity with / Un échantillon de ce produit a été essayé et a été considéré conforme à la	IEC 60950-1(ed.2);am1
As shown in the Test Report Ref. No. which forms part of this Certificate / Comme indiqué dans le Rapport dessais numéro de référence qui constitue partie de ce Certificat	252349

This CB Test Certificate is issued by the National Certification Body
Ce Certificat dessai OC est établi par l'Organisme **National de Certification**

Nemko
Gaustadalléen 30
NO-0373 Oslo, Norway

Date: 23-01-2014

Signature: Skule Moe
Certification Department

Certificate of
Conformance

Energy Efficiency Certification

UL conducted an independent evaluation on behalf of:

LG ELECTRONICS INC

LCD TV Division,
19-1,Cheongho-ri,Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, 451-713, Korea

for the following products:

LCD Monitor

Brand: LG

Models: 34UM95

This product meets all of the necessary qualifications pursuant to:

ENERGY STAR: Program requirements for Displays Version 6.0

Energy Verified

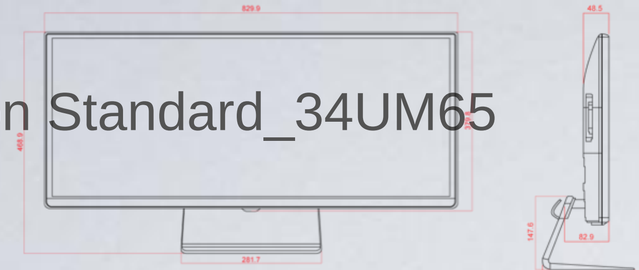
2014-01-15
Certification Date

N/A
Certification Revision Date

Issued by

10183444/EEC-04655
UL Product Number

Certification Standard_34UM65



ONETECH

Accredited Testing Laboratory under the terms of ISO/IEC 17025

CE CONFORMANCE REPORT

EMC DIRECTIVE 2004/108/EC

for

PRODUCT: LED MONITOR

"MODEL NAME: 34UM65"

AUTHORIZED

LG Electronics Inc.
20, Yeouido-dong, Yeongdeungpo-gu, Seoul, Korea

February 12, 2014

SUMMARY

The equipment complies with the standards;
※EN 55022: 2010 (Class B)
※EN 61000-3-2: 2006 + A1: 2009 + A2: 2009
※EN 61000-3-3: 2008
※EN 55024: 2010
※AS/NZS CISPR 22: 2009 + A1: 2010

Gea-Won, Lee / Managing Director

This is only valid in connection with Test Report: E142R-038

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HEAD OFFICE: 301-14 Daesangnyeong-ri, Chowol-eup, Gwangju-si, Gyeonggi-do 464-862 Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

ONETECH

Accredited Testing Laboratory under the terms of ISO/IEC 17025

DECLARATION OF CONFORMITY

FCC RULES PART 2 & 15
CLASS B COMPUTING DEVICE PERIPHERAL (JBP)

for

PRODUCT: LED MONITOR

"MODEL NAME: 34UM65"

AUTHORIZED

LG Electronics Inc.
20, Yeouido-dong, Yeongdeungpo-gu, Seoul, Korea

February 12, 2014

SUMMARY

The above equipment complies with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.4: 2009/ Canadian Standard ICES-003: 2012.

This is only valid in connection with Test Report: E142R-036

The ONETECH Corp., has been accredited as a Conformity Assessment Body (CAB) with designation number, KR0013 from FCC.

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HEAD OFFICE: 301-14 Daesangnyeong-ri, Chowol-eup, Gwangju-si, Gyeonggi-do 464-862 Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

IEC IECEE CB SCHEME

Ref. Certif. No.
NO79470

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME — SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Product / Produit	LCD Monitor
Name and address of the applicant / Nom et adresse du demandeur	LG Electronics Inc. 222, LG-ro, Jinwi-myeon Pyeongtaek-si Gyeonggi-do Korea, Republic of
Name and address of the manufacturer / Nom et adresse du fabricant	LG Electronics Inc. 222, LG-ro, Jinwi-myeon Pyeongtaek-si Gyeonggi-do Korea, Republic of
Name and address of the factory / Nom et adresse de l'usine	☑ Additional information on page 2
Ratings and principal characteristics / Valeurs nominales et caractéristiques principales	2.7A 19Vdc Cl. III
Trademark (if any) / Marque de fabrique (si elle existe)	LG
Type of Manufacturer's Testing Laboratories used / Type de programme du laboratoire d'essais constructeur	
Model / Type Ref. / Ref. De type	34UM65
Additional information (if necessary may also be reported on page 2) / Les informations complémentaires (si nécessaire, peuvent être indiqués sur la deuxième page	☐ Additional information on page 2
A sample of the product was tested and found to be in conformity with / Un échantillon de ce produit a été essayé et a été considéré conforme à la	IEC 60950-1(ed.2);am1
As shown in the Test Report Ref. No. which forms part of this Certificate / Comme indiqué dans le Rapport dessais numéro de référence qui constitue partie de ce Certificat	253403

This CB Test Certificate is issued by the National Certification Body
Ce Certificat dessai OC est établi par l'Organisme **National de Certification**

Nemko
Gaustadalléen 30
NO-0373 Oslo, Norway

Date: 10-02-2014

Signature: Skule Moe
Certification Department

ZERTIFIKAT ◆ CERTIFICATE ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

TÜV SÜD Product Service

CERTIFICATE

No. Z1 14 02 85061 183

Holder of Certificate:	LG Electronics Inc. 222, LG-ro, Jinwi-myeon Pyeongtaek-si, Gyeonggi-do 451-713 REPUBLIC OF KOREA
Production Facility(ies):	33786, 48125, 73741, 28528
Certification Mark:	TÜV SÜD
Product:	Monitors (Monitor)
Model(s):	34UM65 Trade name: LG
Parameters:	Rated input voltage: 19 V d.c. Rated input current: 2.7 A Protection class: III
Tested according to:	EN 60950-1/A12:2011

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 077-1046214-000

Date, 2014-02-10
Page 1 of 1

(Haviard Lee)

TÜV SÜD

TÜV SÜD Product Service GmbH · Zertifizierstelle · Ridlerstraße 65 · 80339 München · Germany

TÜV®

Certificate of
Conformance

Energy Efficiency Certification

UL conducted an independent evaluation on behalf of:

LG Electronics Inc. / LCD TV Division

19-1,Cheongho-ri,Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, 451-713, Korea

for the following products:
LCD Monitor
Brand: LG
Model: 34UM65

This product meets all of the necessary qualifications pursuant to:

ENERGY STAR ® - Program requirements for Displays, Version 6.0

Energy Verified

2014-02-10
Certification Date
N/A
Certification Revision Date
Issued by
10214842 / EEC-04098
UL Product Number

Certification Standard_29UM65

ATTESTATION OF CONFORMITY

FC

Date of Issue: 2013/11/07
Attestation Number: SEFD1310093

Product: LCD Monitor

Model No.: 29UM65*D(The symbol"*" in the model name can be any alphanumeric character or blank)

Applicant: LG Electronics USA

Address: 1000 Sylvan Avenue Englewood Cliffs New Jersey United States

And, in accordance to the following Applicable Directives

Applicable to ANSI C63.4 – 2009

That this product has been assessed against the following Applicable Standards

47 CFR, Part2, Part 15, Canada ICES-003 issue 5 and CISPR PUB. 22

CERPASS hereby acknowledges that:

The measurements shown in this test report may issue a DECLARATION of CONFORMITY and apply the FCC mark in accordance to U. S. A. Rules.

Attestation by: Hill Chen — 2013/11/07

Hill Chen /
EMC/RF B.U. Assistant Manager

Date

Cerpass Technology Corp.
2F-11, No. 3, Yuan Qu St. (Nankang Software Park), Taipei 11560, Taiwan
TEL: +886-2-26558100 FAX: +886-2-26558200

CERPASS TECHNOLOGY (SUZHOU)CO., LTD Report No.: SECE1310093 CE

EMC TEST REPORT

Authorized under **D**eclaration **o**f **C**onformity

According to

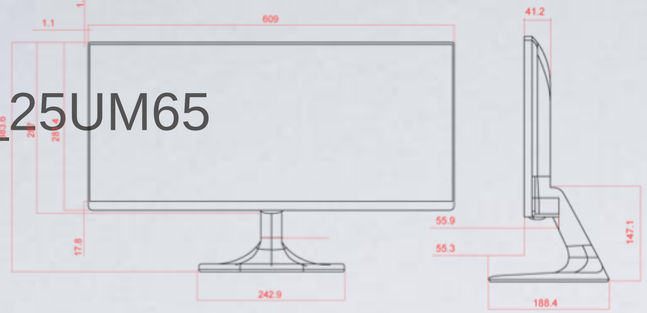
EN 55022: 2010(Class B)
EN 61000-3-2 : 2006+A2: 2009
EN 61000-3-3 : 2008

EN 55024 : 2010
IEC 61000-4-2 : 2008
IEC 61000-4-3 : 2006+A1:2007+A2:2010
IEC 61000-4-4 : 2012
IEC 61000-4-5 : 2005
IEC 61000-4-6 : 2008
IEC 61000-4-8 : 2009
IEC 61000-4-11 : 2004

Applicant	:	LG Electronics Nanjing Display Co.,Ltd.
Address	:	No.346,Yaoxin Road Economic & Technical Development Zone Nanjing China
Equipment	:	LCD Monitor
Model No.	:	29UM65*D(The symbol"*" in the model name can be any alphanumeric character or blank)

- The test result refers exclusively to the test presented test model / sample.
- Without written approval of ***Cerpass Technology Corp.*** the test report shall not be reproduced except in full.
- The test report must not be used by the clients to claim product certification approval by ***NVLAP*** or any agency of the Government.
-

Certification Standard_25UM65



NOTICE OF COMPLETION
AND
AUTHORIZATION TO APPLY THE UL MARK

2014-02-19

LG Electronics Inc
Mr. GYEONG-JO SON
LG Twin Tower
20 Yoido-dong
Youngdungpo-gu
Seoul 150-010, Kr

Our Reference: File E82982, Vol. 12, 20, 22, 27, 31, 34 Project Number 4786305928
Your Reference: S14-GJ014
Project Scope: USL/CNL - LED LCD MONITOR, Model 25UM65
(Vol. 12, Sec. 163 / Vol. 20, Sec. 102 / Vol. 22, Sec. 107 / Vol. 27, Sec. 97 / Vol. 31, Sec. 57 / Vol. 34, Sec. 32) (New)

Dear Mr. GYEONG-JO SON:

Congratulations! UL's investigation of your product(s) has been completed under the above Reference Number and the product was determined to comply with the applicable requirements. This letter temporarily supplements the UL Follow-Up Services Procedure and serves as authorization to apply the UL Mark at authorized factories under UL's Follow-Up Service Program. To provide your manufacturer(s) with the intended authorization to use the UL Mark, you must send a copy of this notice to each manufacturing location currently authorized under File E82982, Vol. 12, 20, 22, 27, 31, 34.

Records in the Follow-Up Services Procedure covering the product are now being prepared and will be sent in the near future. Until then, this letter authorizes application of the UL Mark for 90 days from the date indicated above.

Additional requirements related to your responsibilities as the Applicant can be found in the document "Applicant responsibilities related to Early Authorizations" that can be found at the following web-site:
http://www.ul.com/EAResponsibilities

Any information and documentation provided to you involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.

We are excited you are now able to apply the UL Mark to your products and appreciate your business. Feel free to contact me or any of our Customer Service representatives if you have any questions.

Very truly yours,

HyeongKyun Park
+822 2009 9312
Senior Project Engineer
HyeongKyun.Park@ul.com

Reviewed by:

William R. Carney
847/664-1088
Chief Engineer Director I
William.R.Carney@ul.com

NWTDOEA-93CC73

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ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

CERTIFICATE
No. Z1 14 02 85061 211

Holder of Certificate: LG Electronics Inc.
222, LG-ro, Jinwi-myeon
Pyeongtaek-si, Gyeonggi-do 451-713
REPUBLIC OF KOREA

Production Facility(ies): 33786, 57932, 48125, 28528, 48130, 73741

Certification Mark:

Product: Monitors
(Monitor)

Model(s): 25UM65
Trade name: LG

Parameters:
Rated voltage: 19 V d.c.
Rated current: 1.6 A
Protection class: III

Tested according to: EN 60950-1/A12:2011

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 077-2464413-100

Date, 2014-02-21
(Havard Lee)

Page 1 of 1

533540

TÜV SÜD Product Service GmbH · Zertifizierstelle · Ridlerstraße 65 · 80339 München · Germany

IEC IECEE CB SCHEME

Ref. Certif. No.
SG-OF-10557M1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE
CERTIFICAT D'ESSAI OC

Product / Produit	Monitors (Monitor)
Name and address of the applicant / Nom et adresse du demandeur	LG Electronics Inc. 222, LG-ro, Jinwi-myeon Pyeongtaek-si, Gyeonggi-do 451-713, REPUBLIC OF KOREA
Name and address of the manufacturer / Nom et adresse du fabricant	LG Electronics Inc., 222, LG-ro, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do 451-713, REPUBLIC OF KOREA
Name and address of the factory / Nom et adresse de l'usine	LG Electronics Inc., 77, Sanho-daero, Gumi-si, Gyeongsangbuk-do 730-709, REPUBLIC OF KOREA For further information please see attachment
Ratings and principal characteristics / Valeurs nominales et caractéristiques principales	Rated voltage: 19 V d.c. Rated current: 1.6 A
Trade mark (if any) / Marque de fabrique (si elle existe)	LG
Model/type Ref. / Réf. de type	25UM65
Additional information (if necessary) / Information complémentaire (si nécessaire)	
A sample of the product was tested and found to be in conformity with / Un échantillon de ce produit a été essayé et a été considéré conforme à la	IEC 60950-1/A1:2009
as shown in the Test Report Ref. No. which forms part of this certificate / comme indiqué dans le Rapport d'essais numéro de référence qui constitue une partie de ce certificat	TÜV SÜD PSB Pte Ltd 077-2464413-100

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai CC est établi par l'Organisme National de Certification

Date, 2014-02-25
CBS 14 02 85061 210
(Havard Lee)

TÜV SÜD PSB Pte Ltd · 1 Science Park Drive · Singapore 118221

PSB Singapore

ONETECH

Accredited Testing Laboratory under the terms of ISO/IEC 17025

CE CONFORMANCE REPORT

EMC DIRECTIVE 2004/108/EC

for

PRODUCT: LED MONITOR

"MODEL NAME: 25UM65"

MULTIPLE MODEL NAME: 25UM65-PD, 25UM65-P

AUTHORIZED

LG Electronics Inc.
20, Yeouido-dong, Yeongdeungpo-gu, Seoul, Korea

January 03, 2014

SUMMARY

The equipment complies with the standards;
EN 55022: 2010 (Class B)
EN 61000-3-2: 2006 + A1: 2009 + A2: 2009
EN 61000-3-3: 2008
EN 55024: 2010
AS/NZS CISPR 22: 2009 + A1 : 2010

(signature)
Gea-Won, Lee / Managing Director

This is only valid in connection with Test Report: E141R-005

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HEAD OFFICE: 301-14 Daesangnyeong-ri, Chowol-eup, Gwangju-si, Gyeonggi-do 464-862 Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

ONETECH

Accredited Testing Laboratory under the terms of ISO/IEC 17025.

FC

DECLARATION OF CONFORMITY

FCC RULES PART 2 & 15
CLASS B COMPUTING DEVICE PERIPHERAL (JBP)

for

PRODUCT: LED MONITOR

"MODEL NAME: 25UM65"

AUTHORIZED

LG Electronics Inc.
20, Yeouido-dong, Yeongdeungpo-gu, Seoul, Korea

February 06, 2014

SUMMARY

The above equipment complies with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.4: 2009/ Canadian Standard ICES-003: 2012.

This is only valid in connection with Test Report: E142R-014

The ONETECH Corp., has been accredited as a Conformity Assessment Body (CAB) with designation number, KR0013 from FCC.

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HEAD OFFICE: 301-14 Daesangnyeong-ri, Chowol-eup, Gwangju-si, Gyeonggi-do 464-862 Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

Certificate of
Conformance

Energy Efficiency Certification

UL conducted an independent evaluation on behalf of:

LG ELECTRONICS INC

LCD TV Division,
19-1,Cheongho-ri,Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, 451-713, Korea

for the following products:

LCD Monitor
Brand: LG
Models: 25UM65

This product meets all of the necessary qualifications pursuant to:

ENERGY STAR: Program requirements for Displays Version 6.0

Energy Verified

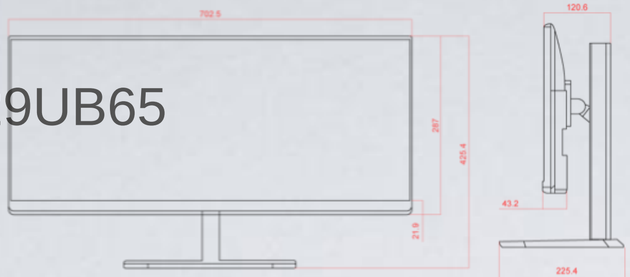
2014-01-03
Certification Date

N/A
Certification Revision Date

Issued by

10189786EEC-04540
UL Product Number

Certification Standard_29UB65



ATTESTATION OF CONFORMITY

FC

Date of Issue: 2013/12/11
Attestation Number: SEFD1310093-C

Product: LCD Monitor

Model No.:29UB65*D (The symbol"*" in the model name can be any alphanumeric character or blank)

Applicant: LG Electronics USA

Address: 1000 Sylvan Avenue Englewood Cliffs New Jersey United States

And, in accordance to the following Applicable Directives

Applicable to ANSI C63.4 – 2009

That this product has been assessed against the following Applicable Standards

47 CFR, Part2, Part 15, Canada ICES-003 issue 5 and CISPR PUB. 22

CERPASS hereby acknowledges that:

The measurements shown in this test report may issue a DECLARATION of CONFORMITY and apply the FCC mark in accordance to U. S. A. Rules.

Attestation by: Hill Chen / EMC/RF B.U. Assistant Manager — 2013/12/11 Date

Cerpass Technology Corp.
2F-11, No. 3, Yuan Qu St. (Nankang Software Park), Taipei 11560, Taiwan
TEL: +886-2-26558100 FAX: +886-2-26558200

CERPASS TECHNOLOGY (SUZHOU)CO., LTD Report No.: SECE1310093-A CE

EMC TEST REPORT

Authorized under **D**eclaration **o**f **C**onformity

According to

EN 55022: 2010(Class B)
EN 61000-3-2 : 2006+A2: 2009
EN 61000-3-3 : 2008

EN 55024 : 2010
IEC 61000-4-2 : 2008
IEC 61000-4-3 : 2006+A1:2007+A2:2010
IEC 61000-4-4 : 2012
IEC 61000-4-5 : 2005
IEC 61000-4-6 : 2008
IEC 61000-4-8 : 2009
IEC 61000-4-11 : 2004

Applicant	:	LG Electronics Nanjing Display Co.,Ltd.
Address	:	No.346,Yaoxin Road Economic & Technical Development Zone Nanjing China
Equipment	:	LCD Monitor
Model No.	:	29UB65*D(The symbol"*" in the model name can be any alphanumeric character or blank)

- The test result refers exclusively to the test presented test model / sample.
- Without written approval of ***Cerpass Technology Corp.*** the test report shall not be reproduced except in full.
- The test report must not be used by the clients to claim product certification approval by ***NVLAP*** or any agency of the Government.
-

Certification Standard

24MB65

EMC TEST REPORT
for
LG Electronics Nanjing Display Co., Ltd.

LCD Monitor

Model No: 24MB65***

Prepared For: LG Electronics Nanjing Display Co., Ltd.
No.346, YaoXin Road Economic & Technical Development Zone, Nanjing, China

Prepared By: Audix Technology (Shanghai) Co., Ltd.
3F and 4F, 34Bldg 680 Guiping Rd.,
Caohejing Hi-Tech Park,
Shanghai 200233, China

Tel: +86-21-64955500
Fax: +86-21-64955491

Report Number : ACI-E13215
Date of Test : Dec 19 – 24, 2013
Date of Report : Dec 25, 2013

Technical Compliance Statement

For the following information Ref. File No.: C1M1312237

Product	:	LCD Monitor
Model Number	:	24MB65***
Test Model	:	(1)24MB65PYG (2)24MB65PMF
Brand Name	:	LG
Applicant	:	LG Electronics U.S.A., Inc.
Standards	:	FCC 47 CFR Part 15 Subpart B/Oct. 2013 and CISPR 22/1997 and ICES-003 Issue 5 Aug. 2012 (Class B Limit)

We hereby certify that the above product has been tested by us and complied with the FCC and IC official limits. These products might be marketed at the US accordance to FCC Rule based on the standard 47 CFR Part 2 and Part 15 Class B Equipment Regulations. The test was performed accordance to the procedures from ANSI C63.4-2009. The test data & results are issued on the test report no. EM-F140001.

Signature

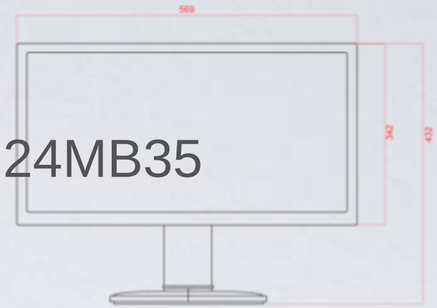
Alex Deng/Deputy Manager
Date: 2014. 01. 02

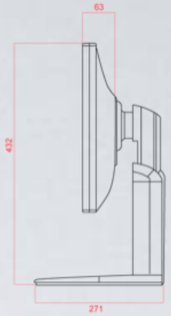
Test Laboratory:
AUDIX Technology Corporation, EMC Department
NVLAP Lab. Code: 200077-0
FCC OET Designation: TW1004
Web Site: www.audixtech.com

NVLAP Lab Code 200077-0

The statement is based on a single evaluation of one sample of the above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.

24MB35





EMC TEST REPORT
for
LG Electronics Nanjing Display Co., Ltd.

LCD Monitor

Model No: 24MB35***

Prepared For: LG Electronics Nanjing Display Co., Ltd.
No.346, YaoXin Road Economic & Technical Development Zone, Nanjing, China

Prepared By: Audix Technology (Shanghai) Co., Ltd.
3F and 4F, 34Bldg 680 Guiping Rd.,
Caohejing Hi-Tech Park,
Shanghai 200233, China

Tel: +86-21-64955500
Fax: +86-21-64955491

Report Number : ACI-E13193
Date of Test : Nov 19 – 21, 2013
Date of Report : Nov 25, 2013

Technical Compliance Statement

For the following information **Ref. File No.: C1M1312053**

Product	:	LCD Monitor
Model Number	:	24MB35***
Brand Name	:	LG
Applicant	:	LG Electronics U.S.A., Inc.
Standards	:	FCC 47 CFR Part 15 Subpart B/Oct. 2013 and CISPR 22/1997 and ICES-003 Issue 5 Aug. 2012 (Class B Limit)

We hereby certify that the above product has been tested by us and complied with the FCC and IC official limits. These products might be marketed at the US accordance to FCC Rule based on the standard 47 CFR Part 2 and Part 15 Class B Equipment Regulations. The test was performed accordance to the procedures from ANSI C63.4-2009. The test data & results are issued on the test report no. EM-F1020886A.

Signature

Leon Liu/Deputy General Manager
Date: Dec. 11, 2013

Test Laboratory:
AUDIX Technology Corporation, EMC Department
NVLAP Lab. Code: 200077-0
FCC OET Designation: TW1004
Web Site: www.audixtech.com

NVLAP Lab Code 200077-0

The statement is based on a single evaluation of one sample of the above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.

4. Appendix

Appendix. Upgraded Dual Link-Up Function: System Requirement for 34UM95

UltraWide QHD
3440X1440

‘13

‘14

New!

PBP Combination		Main (Left)			
		HDMI1	HDMI2	DP	Thunder-bolt
Sub (Right)	HDMI1	-	●	●	●
	HDMI2	●	-	●	●
	DP	X	X	-	X
	Thunder-bolt	X	X	X	-

34UM95

UltraWide Full HD
2560X1080

Upgrade!

PBP Combination		Main (Left)			
		HDMI1	HDMI2	DP	DVI
Sub (Right)	HDMI1	-	X	●	X
	HDMI2	X	-	●	X
	DP	●	●	-	●
	DVI	X	X	●	X

29EA73, 29EB73

PBP Combination		Main (Left)			
		HDMI1	HDMI2	DP	DVI
Sub (Right)	HDMI1	-	●	●	●
	HDMI2	●	-	●	X
	DP	●	●	-	●
	DVI	●	X	●	-

UM65 Series, 29UB65

Appendix. Compatibility : System Requirement for 34UM95

1 . What PC specification is required to enjoy video on UM95 without loss of picture quality?

Key requirement is PC graphic card performance. It depends on what resolution PC graphic card supports (at least 3440X1440 must be supported). You may need to enforce custom settings from the graphic card control panel or update to the latest graphic card driver at the graphic card manufacturers' website.

	UM95	Graphic card		Interface to Monitor		
				Thunderbolt	Displayport	HDMI
Win OS	Resolution support (3440x1440	Intel	HD4400	60hz	60hz	50hz
		AMD	HD7000	60hz	60hz	50hz
		NVIDIA	Geforce 650 or higher	60hz	60hz	50hz

	UM95	Graphic card		Interface to Monitor		
				Thunderbolt	Displayport	HDMI
Mac OS	Resolution support (3440x1440	AMD	Dual AMD FirePro D300 or D500 or D700	60hz New Mac Pro®	60hz	50hz

* For connection with Mac®, Thunderbolt cable[1)], HDMI to HDMI cable is required.
* The Thunderbolt to Ethernet Adapter[2)] lets you easily connect to a high-performance Ethernet network. It connects to the Thunderbolt port on UM95
* Daisy-Chain(MST : Multi Stream Transport) connect two high-resolution 34UM95 monitor to New Mac Pro®

1)Thunderbolt cable

2)Ethernet Adapter

Appendix. Compatibility : System Requirement for 34UM95

2 . How can I activate the 4-Screen Split function ?

4-Screen Split software is required to install, and the software CD is packed with monitor.
Once it is installed, the tray menu is created on your PC.

UM95	Interface to Monitor				O/S Version
		Thunderbolt	Displayport	HDMI	
Calibration Software (True Color Finder) support	Win PC	o	o	o	Displayport/HDMI : XP/Vista/Win7/Win8 Thunderbolt : Win7/8
	Mac*	o	o	o	New Mac Pro®

3 . When it comes to Calibration Software (True Color Finder), what is the required the interface condition?

Calibration Software (True Color Finder) with 34UM95 is available after installation of software CD,
that is packed with monitor.
Connecting 34UM95 to PC via HDMI may not result in exact value when calibrating even if it is still running True Color Finder.
Compatible OS for True Color Finder are XP/WIN7/WIN8, and Mac®.

UM95	Interface to Monitor				O/S Version
		Thunderbolt	Displayport	HDMI	
Calibration Software (True Color Finder) support	Win PC	o	o	x	DisplayPort: XP/Win7/Win8 Thunderbolt : Win7/8
	Mac*	o	o	x	New Mac Pro®

Appendix. Compatibility : System Requirement for 34UM95

1 . What PC specification is required to enjoy video on UM65/UB65 without loss of picture quality?

Key requirement is PC graphic card performance. It depends on what resolution PC graphic card supports
(at least 2560X1080 must be supported). You may need to enforce custom settings from
the graphic card control panel or update to the latest graphic card driver at the graphic card manufacturers' website

UM65 UB65	Graphic card		Interface to Monitor		
			DVD-I (Dual Link)	Display port	HDMI
	Intel	HD3000 or higher	O	O	O
Resolution support (2560x1080)	AMD	HD54XX/64XX/77XX or higher	O	O	O
	NVIDIA	GeForce 300 or higher	O	O	O

* You may be required to enforce custom settings from the graphic card control panel or update to the latest graphic card driver.
* For HDMI connections with Mac®, 2560 x 1080 resolution is not available.
* For connection with Mac®, Mini-DP to DVI-D(Dual)/DisplayPort/HDMI adapter(cable), HDMI to HDMI cable is required.

Mini-DP to DVI-D(Dual) adapter

Mini-DP to Thunderbolt

Mini-DP to HDMI

2 . How can I activate the 4-Screen Split function ?

4-Screen Split software is required to install, and the software CD is provided with the product.
When the software is installed, the tray menu is created on your PC.

UM65 UB65	Interface to Monitor				
		DVD-I (Dual Link)	Display port	HDMI	
4-Screen Split support	Win PC	O	O	O	XP/Vista/Win7/Win8
	Mac*	O	O	O	10.7(Lion)/10.8(Mountain Lion)/10.9

Appendix. Compatibility : System Requirement for 27MB85

1 . What PC specification is required to enjoy video on 27MB85 without loss of picture quality?

Window	Graphic card		Interface to Monitor			
			Thunderbolt ( )	HDMI	DP or Mini DP (DisplayPort)	DVI-D
Resolution support (2560x1080)	Intel	Over HD4400	O	O	O	O
	AMD	Over HD7000	-	O	O	O
	NVIDIA	Over GTX 650	-	O	O	O

* Thunderbolt ( ) is supported in Windows 7, Windows 8 or later.
* In order to set the resolution to 2560 x 1440, you may be required to configure the custom settings from the graphics card control panel or update to the latest graphics card driver.
* Using the full 2560 x 1440 resolution requires a DVI-D Dual cable. * Support settings are subject to change.

MAC	Graphic card		Interface to Monitor			
			Thunderbolt ( )	HDMI	DP or Mini DP (DisplayPort)	DVI-D
Resolution support (2560x1080)	Intel	Over HD4400	O	O	O	O
	AMD	Over HD7000	O	O	O	O
	NVIDIA	Over GTX 650	O	O	O	O

* Thunderbolt ( ) is supported in Mac OS 10.9.1 or later.
* You can connect (daisy-chain) up to two additional monitors through the Thunderbolt ( ).
* In order to set the resolution to 2560 x 1440, you may be required to configure the custom settings from the graphics card control panel or update to the latest graphics card driver.
* Using the full 2560 x 1440 resolution requires a DVI-D Dual cable. * Support settings are subject to change.

Appendix. Compatibility : System Requirement for 27MB85

2 . How can I activate the Dual Link-Up function ?

- Usage: The monitor displays screens for 2 input sources simultaneously.
* To use the Dual Link-up feature, one of the two inputs must be connected via DP (DisplayPort) or Thunderbolt (27MB85Z)/Mini DP (27MB85R).

Window		Sub screen (Right)				
		DVI-D	HDMI	DP	TBT(27MB85Z)	mDP(27MB85R)
Main screen (Left)	DVI-D	-	X	O	O	O
	HDMI	X	-	O	O	O
	DP	O	O	-	X	X
	TBT(27MB85Z)	O	O	X	-	X
	mDP(27MB85R)	O	O	X	X	-

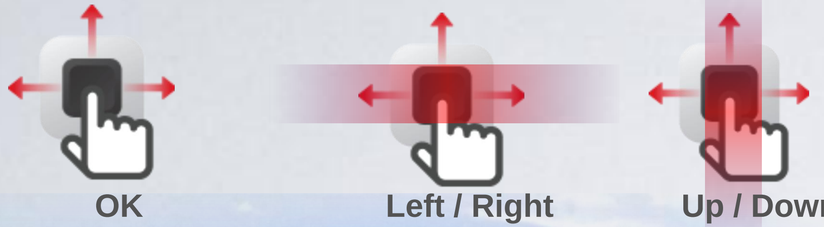
MAC		Sub screen (Right)				
		DVI-D	HDMI	DP	TBT(27MB85Z)	mDP(27MB85R)
Main screen (Left)	DVI-D	-	X	O	O	O
	HDMI	X	-	O	O	O
	DP	O	O	-	X	X
	TBT(27MB85Z)	O	O	X	-	X
	mDP(27MB85R)	O	O	X	X	-

*** DP : DisplayPort/ TBT : Thunderbolt / mDP : Mini DisplayPort**
* For details on using the software, refer to the product user manual.
* The product user manual is included on the CD provided and is available for download from the LG Electronics website.

Appendix. Intuitive and Convenient Control

Joystick Key & New 5:9 Extra View

It shows all display content in one sight without overlapping the display contents. The use of a joystick key has enabled faster OSD control by its intuitive convenience.



OK **Left / Right** **Up / Down**

Intuitive Control by Joystick

Free to be overlapped with the display contents

New 5:9 Extra View

End of document